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CLEARINGHOUSE
FOR FEDERAL SCIENTIFIC AND TECHNICAL INFORMATION

NATIONAL BUREAU OF STANDARDS / INSTITUTE

January 30, 1967 Volume 17, Number 2

TECHNICAL TRANSLATIONS

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(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

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Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

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TT-66-15073 Field 1A

Wippermann, F.
QUANTITATIVE DETERMINATION OF THE ABSORPTION AT GROUND LEVEL OF A GAS PROPAGATING IN TURBULENT FLOW. 13p, 6refs. ORNL-tr-996.
Order from SLA: $1.60 as TT-66-15073

Trans. of Beitraege zur Physik der Atmosphaere (West Germany) v37 n3/4 p174-82 1964.

TT-67-60096 Field 1A

Shteinberg, R. I.; Drozdov, V. P.
APPROXIMATE METHOD OF COMPUTING THE PRESSURE DISTRIBUTION AROUND BODIES OF REVOLUTION AT AN ANGLE OF ATTACK AT SUPERSONIC VELOCITIES. 1966, 4p, 5refs.
Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60096

Trans. of Fiziko-Tekhnicheskii Institut, Moscow. Trudy (USSR) v3 p60-5 1959.

TT-67-60202 Field 1A

Lunev, V. V.
HYPERSONIC FLOW AROUND A TRIANGULAR PLATE WITH BLUNTED LEADING EDGES (Giperzvukovoe Obtekhanie Treugolnoi Plastiny s Prituplennymi Perednimi Kromkami). 21 Nov 66, 19p, 5refs. FTD-TT-65-1907; AD-643 644.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 644

Unedited rough draft trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n3 p9-16 1965.

B. Aeronautics

TT-67-60173 Field 1B

Tarasenkov, A. M.
PHYSICAL NATURE OF EXPLOITATION LIMITATIONS. 30 Mar 66, 16p. FTD-TT-65-1634; AD-643 374.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 374

Unedited rough draft trans. of Vestnik Protivovozdushnoi Oborony (USSR) n5 p45-8 1964.

02 AGRICULTURE

A. Agricultural chemistry

TT-66-15182 Field 2A

Glathe, H.
NOTES ON THE SELF-HEATING AND SPONTANEOUS COMBUSTION OF HAY AND GRAIN. 8p (figs omitted).
Order from SLA: $1.10 as TT-66-15182

Trans. of Oberhessische Gesellschaft fuer Natur und Heilkunde, Giessen. Bericht. Naturwissenschaftliche Abteilung (West Germany) v30 p129-46 1960.

B. Agricultural economics

TT-66-34141 Field 2B, 6H

EAST EUROPEAN AGRICULTURE, FORESTRY AND FOOD INDUSTRIES: TRANSLATIONS NO. 476. 19 Sep 66, 23p. JPRS-37713.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34141

TT-66-35006 Field 2B, 5C, 5I

NORTH KOREA: TRANSLATIONS NO. 22. 10 Nov 66, 26p. JPRS-38581.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35006

Trans. from Minju Choson (North Korea) 16 Sep p1; 18 Sep p1; 20 Sep p2 1966 and of Inmin Kyoyuk (North Korea) n8 p9-13 1966.

TT-66-35236 Field 2B, 2D

Petkov, Ts.; Peichev, D.; Vasileva, M.; Minkov, St.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 495. 25 Nov 66, 23p. JPRS-38812.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35236

Trans. of Mekhanizatsiya i Elektrifikatsiya na Selskoto Stopanstvo (Bulgaria) n9 p3-6 1966 and from Kora Vyvetrivaniya (USSR) 19 Aug p1, 2 1966.

TT-66-35237 Field 2B, 5C

Kim Ch'ol-je; Kim Chong-il; Han Hwan-gyu; Yi Chun-o; Kim Kwang-sun.
NORTH KOREA: TRANSLATIONS NO. 27. 25 Nov 66, 87p. JPRS-38813.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35237

Trans. of Kyongje Yongu (North Korea) n2 46p 1966.

TT-66-35240 Field 2B

Kostadinov, G.; Milenkovic, P.; Perisic, M.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 496. 28 Nov 66, 42p. JPRS-38816.
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Trans. of Planovo Stopanstvo i Statistika (Bulgaria) n8 p42-52 1966 and Ekonomika Poljoprivrede (Yugoslavia) n9 p665-77; 693-704 1966.

TT-66-35319 Field 2B

Alfiri, I.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 499. 30 Nov 66, 16p. JPRS-38895.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35319

Trans. of Finante si Credit (Rumania) n9 p21-31 1966.

TT-66-35346 Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 500. 2 Dec 66, 18p. JPRS-38922.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35346

TT-66-35378 Field 2B, 5A

Dao Ngoc Canh; Nguyen Dien; Le Van Thiem; Tran Bao; Nguyen Van Tuyen.
NORTH VIETNAM: TRANSLATIONS NO. 71. 5 Dec 66, 42p. JPRS-38955.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35378

Trans. of Tin Tuc Hoat Dong Khoa Hoc (sic) (North Vietnam) p1-8, 18-22, 27-9, 35-9 Aug 1966.

TT-66-35397 Field 2B, 13B

USSR AGRICULTURE: TRANSLATIONS NO. 172. 6 Dec 66, 23p. JPRS-38974.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35397

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USSR AGRICULTURE: TRANSLATIONS NO. 173. 6 Dec 66, 52p. JPRS-38978.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35401

C. Agricultural engineering

TT-66-26100 Field 2C, 6A, 6M

Peterson, N. V.
ENRICHMENT OF SOIL WITH ENZYMES AND THEIR SOURCES. 8p (refs omitted).
Order from ETC: $1.10 as TT-66-26100

Trans. of Unidentified Ukrainian language article, n.d.

TT-66-35104 Field 2C

Sitalo, A.; Tomilov, V.; Mashrykov, K.
USSR AGRICULTURE: TRANSLATIONS NO. 170. 17 Nov 66, 16p. JPRS-38680.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35104

Trans. of Ekonomika Sovetskoi Ukrainy (USSR) n5 p62-4 1966 and from Izvestiya (USSR) 16 Sep p3; 19 Oct p3 1966.

D. Agronomy and horticulture

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Imamura, K.
REEXAMINATION OF THE METHOD OF FORECASTING THE OUTBREAK OF THE SECOND GENERATION STEM BORER. 10p, 11refs.
Order from SLA: $1.10 as TT-66-13577

Trans. of Hokuriku Byogaichu Kenkyukai Kaiho (Japan) n12 p7-9 1964.

TT-66-15160 Field 2D, 6C

Okada, M.; Kato, I.
ON THE PHOTOPERIODISM OF PADDY RICE PLANTS. PT.I, PHOTOPERIODIC RESPONSES OF PRINCIPAL RICE VARIETIES GROWN IN TOHOKU DISTRICT, JAPAN. 7p (refs omitted).
Order from SLA: $1.10 as TT-66-15160

Trans. of Nihon Sakumotsu Gakkai Kiji (Japan) v22 n1/2 p15-6 1953.

TT-66-15184 Field 2D, 6F

Lhoste, J.; Ille, H. D.; Casanova, A.; Durgeat, L. A.
FIELD TRIALS ON SELECTIVE WEED CONTROL IN SUGAR BEET WITH CHLORO-AMINO-PHENYL-PYRIDAZONE (PCA). 7p (figs refs omitted).
Order from SLA: $1.10 as TT-66-15184

Trans. of Weed Research (England) v3 n1 p52-65 1963.

TT-66-35034 Field 2D

Nerpin, S.; Revut, I.
USSR AGRICULTURE: TRANSLATIONS NO. 169. Electronics in Agronomy. 14 Nov 66, 5p. JPRS-38609.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35034

Trans. from Sovetskaya Latiya (Latvian SSR) 21 Sep p2 1966.

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Lityagin, S.; Ignashkov, A.; Agrafenin, N.
USSR AGRICULTURE: TRANSLATIONS NO. 171. 30 Nov 66, 12p. JPRS-38870.
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Trans. from Pravda, Moscow (USSR) 2 Oct p1 1966 and Selskaya Zhizn (USSR) 28 Sep p2 1966.

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USSR AGRICULTURE: TRANSLATIONS NO. 176. 8 Dec 66, 65p. JPRS-39026.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35449

E. Animal husbandry

NCH-205 789 Field 2E, 6C

Govyrin, V. A.
CONCERNING DEMODECOSIS IN DOGS (K Voprosu o Demodekoze u Sobak). Aug 66, 5p, 14refs.
RTS-3664.
Order from NLL: 12s 6d as RTS-3664

Trans. of Institut Usovershenstvovaniya Veterinarnykh Vrachei, Leningrad. Sbornik Nauchnykh Trudov (USSR) v10 p27-31 1955.

TT-66-33510 Field 2E, 6E, 5D

MONGOLIA: TRANSLATIONS NO. 114. 17 Aug 66, 30p. JPRS-37081.
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USSR AGRICULTURE: TRANSLATIONS NO. 174. 7 Dec 66, 31p. JPRS-38989.
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TT-66-59005/1 Field 2E, 2D

JOURNAL FOR SCIENTIFIC AGRICULTURAL RESEARCH, VOL. 19, NO. 64, 1966. Tr. by Bozidar Filipovic. 1966, 147p, refs.
SFCSI-Agr(TT-66-59005/1).
Order from CFSTI: $3.00 as TT-66-59005/1

Trans. of Arhiv za Poljoprivredne Nauke i Tehniku (Yugoslavia) v19 n64 p3-166 1966.

TT-66-62066 Field 2E, 6C

Kulikov, N. S.
VARROA DISEASE OF HONEY BEES. 1966, 3p.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62066

Trans. of Pchelovodstvo (USSR) n11 p15-6 1965.

F. Forestry

NCH-205 603 Field 2F, 6F

Valaskova, E.
ON THE POSSIBILITIES OF APPLYING FUNGICIDIN IN THE CONTROL OF DISEASES IN ORNAMENTAL PLANTS. Sep 65, 19p, 10refs.
ODF-TR-9; NRC-C-5817.
Order from NRC as C-5817

Trans. of Deutsche Akademie der Landwirtschaft-swissenschaften, Berlin. Sitzungsberichte (East Germany) v10 n33 p217-32 1961.

NCH-205 605 Field 2F, 6F

Hoffman, C.
INVESTIGATIONS OF THE SILVER FIR LOUSE DREYFUSIA (CHERMES) NUESSLINI C. B. Jun 65, 25p. ODF-TR-3; NRC-C-5760.
Order from NRC as C-5760

Trans. of Forstwissenschaftliches Zentralblatt (West Germany) v61 n6/7 p161-9, 217-9 1939.

NCH-205 618 Field 2F, 6C

Numberg, M.
THE GENUS PERIOMMATUS CHAPUIS (COLEOPTERA PLAYTOPODIDAE)
(Zur Kenntnis der Gattung Periommatus Chapuis (Coleoptera Platypodidae)). 1966, 77p.
ODF-TR-38; NRC-C-6062.
Order from NRC as C-6062

Trans. of Annales du Musee Royal du Congo Belge. Serie 8: Sciences Zoologie (Belgium) v63 p7-57 1958.

NCH-205 625 Field 2F, 6F

Butin, H.
ON SCLEROPHOMA PITYOPHILA (CORDA) V. HOEHN. AS BLUE-STAINING FUNGUS ON PROCESSED WOOD (Ueber Sclerophoma Pityophila (Corda) V. Hoehn als Blauepilz an Verarbeitetem Holz). 1966, 10p, 25refs.
ODF-TR-34; NRC-C-5988.
Order from NRC as C-5988

Trans. of Phytopathologische Zeitschrift (West Germany) v48 n3 p298-305 1963.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-66-35243 Field 3A

Dinulescu, N. I.
ACTIVITIES OF THE ASTRONOMIC OBSERVATORY OF THE RUMANIAN ACADEMY OF SCIENCES. 28 Nov 66, 9p. JPRS-38819.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35243

Trans. of Academia Republicii Populare Romine. Studii si Cercetari de Astronomie (Rumania) v11 n2 p193-9 1966.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-66-15145 Field 4A

Mueller, H. G.; Reinhardt, M.
INSTITUT FUER PHYSIK DER ATMOSPHAERE (Institute for Atmospheric Physics). 25p, 17refs.
Order from SLA: $2.60 as TT-66-15145

Trans. of mono. Deutsche Versuchsanstalt fuer Luft- und Raumfahrt. Special Activity Report: 1965, June 1966.

TT-66-15161 Field 4A

Harang, L.
SPECTRAL DISTRIBUTION OF AURORAL LIGHT.

FILTER PICTURES OF THE POLAR LIGHT. PT. I. FILTER PICTURES IN THE GREEN AND BLUE-VIOLET. 14p, 1ref.
Order from SLA: $1.60 as TT-66-15161

Trans. of Geofysiske Publikasjoner (Norway) v10 n8 p1-27 1934.

TT-67-60155 Field 4A, 1B, 4B

Vorontsov, P. A.
PROGRAM AND TECHNIQUES OF ATMOSPHERIC TURBULENCE RESEARCH ON MOUNTAINOUS HELICOPTER ROUTES (Programma i Metodika Issledovaniya Atmosfernoi Turbulentnosti na Gornykh Vertoletnykh Trassakh). Tr. by George E. Brady, Jr. Oct 66, 28p, 3refs.
AmMetSoc-T-R-630; AD-643 360.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 360

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n171 p20-31 1965.

TT-67-60156 Field 4A, 4B

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TT-66-33916 Field 5D, 5C, 5K, 6H

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TT-66-35230 Field 5D, 5C, 6J

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TT-66-35234 Field 5D, 5C

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TT-66-35269 Field 5D, 5C, 13B

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TT-66-35302 Field 5D, 5C

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TT-66-35303 Field 5D

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TT-66-35308 Field 5D, 5C, 5I

NORTH VIETNAM: TRANSLATIONS NO. 69. 30 Nov 66, 50p. JPRS-38884.
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TT-66-35335 Field 5D, 5C, 5I

CUBA: TRANSLATIONS NO. 520. 1 Dec 66, 73p. JPRS-38911.
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TT-66-35403 Field 5D, 5C

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TT-66-35415 Field 5D

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TT-66-35426 Field 5D, 15C

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TT-67-60175 Field 5D

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I. Personnel selection, training and evaluation

TT-66-33968 Field 5I, 5K

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TT-66-34136 Field 5I, 5A

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TT-66-35027 Field 5I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35224

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TT-66-35311 Field 6C, 5J

Maiorov, F. P.; Firsov, L. A.
PHYSIOLOGICAL ANALYSIS OF THE SO-CALLED FORESIGHT IN THE CHIMPANZEE. 30 Nov 66, 6p, refs. JPRS-38887.

Order from CFSTI: HC$3.00, MF$0.65
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TT-66-35350 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35350

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-35382 Field 6C, 6A, 6O, 6E, 12B

Sabardina, G.; Rastrigin, L.; Rabinovich, I.; Lapin, I.; Nuller, Yu.
PRINCIPLES OF CONTROL SCIENCES APPLIED TO FIELD OF BIOLOGY AND MEDICINE. 5 Dec 66, 29p. JPRS-38959.
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TT-66-60939 Field 6C

Sartbaev, S. K.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-60939

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TT-66-60945 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-60945

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TT-66-61483 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61483

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TT-66-61537 Field 6C

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STRUCTURE AND DEVELOPMENT OF THE GENITAL SYSTEM IN THE SUPERFAMILY IXODOIDES (Stroenie i Razvitie Polovoi Systemy Kleshchei Nadsemeistva Ixodoidea). Tr. by B. Ribush. 1966, 80p (foreign text included) refs. CSIRO-Trans-7565.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61537

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TT-66-61539 Field 6C

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MORPHOLOGICAL CHANGES IN THE SKIN TISSUES OF CATTLE PARSITIZED BY IOXODID TICKS (Morfologicheskie Izmeneniya Tkanei Kozhi Krupnogo Rogatogo Skota pri Parazitirovanii Kleshchei Semeistva Ixodidae). Tr. by B. Rimbush. 1966, 8p (foreign text included). CSIRO-Trans-7491.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61539

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TT-66-61867 Field 6C

Ponomareva, A. A.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61867

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TT-66-61871 Field 6C

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TT-66-61887 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61890

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TT-66-62059 Field 6C, 6M

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TT-66-62065 Field 6C

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TT-66-62163 Field 6C

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EFFECT OF LENS REMOVAL ON EYE OF THE CYPRINID LEUCISCUS BERGI OF LAKE ISSYK-KUL. 1966, 6p, refs. NIH-8-11-66.
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TT-66-62212 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62212

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TT-66-62218 Field 6C, 8G

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62218

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TT-66-62325 Field 6C, 2D

Belokurskaya, V. I.
NEW METHODS FOR INVESTIGATING THE POTATO NEMATODE. Tr. by Charles T. Ostertag, Jr. 1963, 5p. ABL-Trans-1071; AD-639 401.
Order from CFSTI: HC$3.00, MF$0.65 as AD-639 401

Trans. of Zashchita Rastenii ot Vreditelei i Boleznei (USSR) v8 n6 p41-2 1963.

TT-66-62328 Field 6C

Shver, E. V.
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Order from CFSTI: HC$3.00, MF$0.65 as AD-639 404

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TT-66-62374 Field 6C

Eskin, V. E.; Korotkina, O. Z.
SCATTERING OF LIGHT BY SOLUTIONS OF NATIVE DENATURED AND DEGRADED DEOXYRIBONUCLEIC ACID. Tr. by Charles T. Ostertag, Jr. Jul 65, 16p, 14refs. ABL-Trans-1482.
Order from CFSTI: HC$3.00, MF$0.65 as AD-639 796

Trans. of Biofizika (USSR) v10 n1 p26-31 1965.

TT-66-62392 Field 6C, 6M

Avanyan, L. A.; Glazko, N. S.; Sosnikhina, T. M.
THE LEVEL OF IRON IN THE BLOOD AND LIVER OF RODENTS WITH DIVERSE INFECTIOUS SENSITIVITY TO PLAGUE. Tr. by Charles T. Ostertag, Jr. Jun 65, 12p, 25refs. ABL-Trans-1610; AD-640 036.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 036

Trans. of Armyanskaya Protivochumnaya Stantsiya, Erevan. Trudy (USSR) n3 p121-33 1964.

TT-66-62398 Field 6C

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HELMINTHS OF GERBILS OF UZBEKISTAN, WITH DESCRIPTION OF A NEW GENUS OF FILARIA AND OF AGE-ASSOCIATED AND SEASONAL CHANGES IN THE HELMINTH FAUNA OF THE LARGE GERBIL. Tr. by Z. D. Knowles. 1966, 8p, refs. NIH-8-28-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62398

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TT-66-62400 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62400

Trans. of Tsitologiya (USSR) v7 n2 p188-96 1965.

TT-66-62406 Field 6C, 2D

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THE PHOTOPERIOD IN SEVERAL VIETNAM VARIETIES OF RICE. Tr. by Charles T. Ostertag, Jr. Jun 65, 19p. ABL-Trans-1601; AD-640 047.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 047

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TT-66-62410 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as AD-640 051

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TT-66-62503 Field 6C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62503

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TT-66-62527 Field 6C, 9B

Menshutkin, V. V.
A STUDY OF CHANGES IN FISH POPULATION NUMBERS IN TERMS OF A CYBERNETIC SYSTEM. Tr. by J. A. Collins. 1966, 26p (foreign text included) refs. CSIRO-Trans-7989.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62527

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TT-66-62528 Field 6C

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TT-66-62529 Field 6C

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SEASONAL AND DIURNAL FLUCTUATIONS OF THE NUMBER OF FLIES IN DWELLING HOUSES AND THEIR RELATION TO TEMPERATURE AND HUMIDITY. Tr. by A. K. Rothfield. 1966, 23p (foreign text included). CSIRO-Trans-8208.
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TT-66-62533 Field 6C

Menitskii, Yu. L.
NUMERICAL SIMILARITY ESTIMATES AND THEIR USE IN TAXONOMY. Tr. by J. A. Collins. 1966, 34p (foreign text included) refs. CSIRO-trans-8231.
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TT-67-60077 Field 6C

Golub, S. I.
LUMINESCENCE OF PHYLLOPHORA.
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D. Bionics

TT-66-12893 Field 6D

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Order from SLA: $3.60 as TT-66-12893

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TT-66-14823 Field 6D

Grigelionis, B. I.
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Order from SLA: $2.60 as TT-66-14823

Trans. from mono. Kibernetiku na Sluzhbu Kommunismu. Tom 2. Teoriya Nadezhnosti i Teoriya Massovogo Obsluzhivaniya. Sbornik Statei, Moscow-Leningrad, 1964 p246-66.
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TT-66-33980 Field 6D

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Order from CFSTI: HC$3.00, MF$0.65
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TT-66-34144 Field 6D

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Order from CFSTI: HC$3.00, MF$0.65
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Trans. of Voprosy Psikhologii (USSR) n3 p10-32 1966.

TT-66-34231 Field 6D, 9D

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CYBERNETIC PREDICTING DEVICES. 23 Sep 66, 260p, 59refs. JPRS-37803.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34231

Trans. of mono. Kiberneticheskie Predskazyvayushchie Ustroistva, Kiev, 1965 214p.

TT-66-34325 Field 6D, 22C

Pelipeiko, V.
MAN AND AUTOMATIC MACHINES. 29 Sep 66, 10p. JPRS-37897.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34325

Trans. of Nauka i Tekhnika (Latvian SSR) n7 p10-2 1966.

TT-66-34327 Field 6D

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MACHINE PENETRATES INTO THE SECRETS OF THE BRAIN. 29 Sep 66, 83p, 24refs. JPRS-37899.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34327

Trans. of mono. Mashyna Pronykae v Taemnytsi Mozku, Kiev, 1965, 128p.

TT-66-34328 Field 6D

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SIMULATION IN BIOLOGY AND MEDICINE. 29 Sep 66, 163p, refs. JPRS-37900.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34328

Trans. of mono. Modelirovanie v Biologii i Meditsine, Kiev, 1965 188p.

TT-66-35140 Field 6D

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REPORTS ON SOVIET RESEARCH IN THE FIELD OF BIONICS. All Union Scientific Meeting in Honor of Radio Day (no. 22): Reports from the Bionics Section. 21 Nov 66, 132p, refs. JPRS-38716.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35140

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya Dnyu Radio (no. 22): Doklady Sektsii Bioniki, Moscow, 1966 135p.

TT-66-35183 Field 6D, 5I

Kovalev, I.
MORE BELORUSSIAN SCIENTISTS AND ENGINEERS NEEDED TO TRAIN SPECIALISTS IN MICROELECTRONICS AND BIONICS. 22 Nov 66, 5p. JPRS-38759.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35183

Trans. from Sovetskaya Belorussiya (USSR) 4 Oct p2 1966.

TT-66-35383 Field 6D

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35383

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TT-66-60562 Field 6D, 6C

Lopashov, G. V.
EMBRYOLOGY AND CYBERNETICS. 1966, 29p, refs. NIH-11-18-65.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-60562

Trans. of mono. Cell Differentiation and Induction Machanisms, Moscow, 1965 p242-70.

TT-66-61835 Field 6D, 2F

Aleksandrova, V. D.
APPLYING CYBERNETICS CONCEPTS AND METHODS TO BIOLOGY AND FOREST SCIENCE. Tr. by J. A. Collins. 1966, 24p (foreign text included) CSIRO-Trans-7628.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61835

Trans. of Lesnoe Khozyaistvo (USSR) v16 n5 p16-21 1963.

TT-66-62465 Field 6D

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CYBERNETICS. Tr. by Joy B. Gazley. 5 Oct 66, 9p. LT-66-55; AD-640 505.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 505

Trans. of mono. Kultura, Nauka, Iskusstvo SSSR, Moscow, p97-101 1965.
Culture, Science, Art in the USSR.

E. Clinical medicine

NCH-205 492 Field 6E, 6O

Strom, J.
FEBRILE MUCOCUTANEOUS SYNDROME (ECTODERMOSIS EROSIVA PLURIORIFICIALIS, STEVENS-JOHNSON SYNDROME, ETC.) CAUSED BY BUTAZOLIDIN. 1966, 6p. ATS-15T92S.
Order from ATS: $12.25 as ATS-15T92S

Trans. of Svenska Laekartidningen, v61 n46 p3552-8 1964.

NCH-205 638 Field 6E

Duehmke, M.
INVESTIGATIONS OF ASTIGMATISM IN MIRROR MONOCHROMATORS. 1966, 23p, 4refs. NRC-TT-1247; NRC-C-6035.
Order from NRC: $1.50 as C-6035

Trans. of Physikalische Zeitschrift (Germany) v43 n3/4 p33-42 1942.

NCH-205 932 Field 6E, 6O

Bopp, K. P.
CARDIAC THERAPY WITH TALUSIN WITH PARTICULAR REGARD TO CHRONIC COR PULMONALE. 1966, 5p. ATS-00T94G.
Order from ATS: $8.00 as ATS-00T94G

Trans. of Muenchener Medizinische Wochenschrift (West Germany) v106 n49 p2265-7 1964.

NCH-205 946 Field 6E

Bender, F.; Kojima, N.; Reploh, H. D.; Oelmann, G.
TREATMENT OF TACHYCARDIAC ARRHYTHMIAS THROUGH BLOCKADE OF THE BETA RECEPTORS OF THE ATRIOVENTRICULAR TISSUE. 1966, 7p. ATS-55T94G.
Order from ATS: $9.95 as ATS-55T94G

Trans. of die Medizinische Welt (West Germany) v17 n20 p1120-3 1966.

NCH-205 991 Field 6E

Mathieu, L.; Hadot, S.; Hadot, E.
THE OCCURRENCE OF CARDIAC DISORDERS OWING TO EXCESSIVE INGESTION OF COFFEE. 1966, 14p. ATS-53T94F.
Order from ATS: $23.85 as ATS-53T94F

Trans. of Actualites Cardiologiques Internationales (France) v11 n3 p219-26 1962.

NCH-206 437 Field 6E

Dzhamalova, Z. M.; Didovich, B. A.
ANAESTHESIA IN SURGICAL ABORTION (Obezbolivanie pri Meditsinskom Aborte). Jul 66, 7p, 3refs. RTS-2702.
Order from NLL: 7s 6d as RTS-2702

Trans. of Meditskinskii Zhurnal Uzbekistana (USSR) n1 p11-3 1964.

NCH-206 451 Field 6E

Loginova, A. Ya.
ON ROENGENOLOGICAL CHARACTERISTIC OF LOBUS AZYGOS (K Rentgenologicheskoi Kharakteristike Dobavochnoi Doli Neparnoi Veny). Jul 66, 6p, 7refs. RTS-3552.
Order from NLL: 7s 6d as RTS-3552

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NCH-206 478 Field 6E, 5I

Petrovskii, B.
MEDICAL SCIENCE IN THE USSR. 16 Sep 66.
Order from JW: $1.50

Trans. from Izvestiya (USSR) 30 Jul 1966.

TT-65-13537 Field 6E

Ruette, B. von.
THE CONSERVATIVE TREATMENT OF HYDROCELE (Die Konservative Behandlung der Hydrocele). 5p, 1ref.
Order from SLA: $1.10 as TT-65-13537

Trans. of Helvetica Chirurgica Acta (Switzerland) v31 n2 p278-81 1964.

TT-65-13953 Field 6E

Bekaert, M. S.
CONCERNING TWO CASES OF ANEURYSMS OF THE RENAL ARTERY WITH ARTERIAL HYPERTENSION (A Propos de Deux Cas d'Aneurysmes de l'Arterie Renale avec Hypertensione Arterielle). 8p (figs refs omitted).
Order from SLA: $1.10 as TT-65-13953

Trans. of Journal d'Urologie et de Nephrologie (France) v70 n3 p170-7 1964.

TT-65-50301/4-6 Field 6E, 18B

POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE, VOL. 29, NO. 4/6, 1955. 1966, 344p, refs. SFCSI-HEW-NLM(TT-65-50301/4-6).
Order from CFSTI: $3.00 as TT-65-50301/4-6

Trans. of Polski Przeglad Radiologii i Medycyny Nuklearnej, v29 n4/6 p337-670ff 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-10945 Field 6E

Bessiere, E.; Le Goff, J.
WITH REFERENCE TO SOME FAMILIAL CASES OF CHRONIC GLAUCOMA SIMPLEX. Tr. by A. N. Vildzius. 19 Apr 65, 8p, 25refs. NIH-4-17-65.
Order from SLA: $1.10 as TT-66-10945

Trans. of Bulletin des Societes d'Ophtalmologie de France, v64 n11 p789-94 1964.

TT-66-12161 Field 6E

Luisi, A.; Bertelli, A.; Machado, J. C.; Paulo, J.
"AFRICAN LYMPHOMA" IN BRAZILIAN CHILDREN. Tr. by P. DePorte. 14 Apr 66, 24p, 12refs. NIH-4-16-66.
Order from SLA: $2.60 as TT-66-12161

Trans. of Revista Brasileira de Cirurgia, v49 n5 p280-95 1965.

TT-66-12841 Field 6E

Otsuka, J.; Tokoro, T.; Araki, M.
COMPARATIVE STUDY OF PHACOMETRY AND THE ULTRASONIC METHOD IN MEASUREMENT OF REFRACTIVE ELEMENTS OF THE HUMAN EYE. 27 May 66, 32p, 62refs. NIH-6-27-66.
Order from SLA: $3.60 as TT-66-12841

Trans. of Nihon Ganka Gakkai Zasshi (Japan) v65 p1777-92 1961.

TT-66-12846 Field 6E, 6L

Hasse, W.; Osten, W.; Mund-Heller, B.
PREPARATION OF THROMBOCYTE CONCENTRATES FROM FRESH ACD STORED WHOLE BLOOD. A RATIONAL ROUTINE PROCEDURE FOR LARGE BLOOD BANKS. 4 Jun 66, 17p, 19refs. NIH-6-20-66.
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TT-66-14988 Field 6E, 6O, 6A

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TT-66-14994 Field 6E, 6O, 6A

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THE EFFECTS OF 6-CHLORO-6 DEHYDRO-17 ALPHA-ACETOXYPROGESTERONE WITH 3-METHYL-ETHER OF ETHYINYL-ESTRADIOL ON ENDOMETRIAL HYPERPLASIA. 13p (figs omitted) 16refs.
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TT-66-15089 Field 6E, 6A, 6O

Thewanger, W.
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Order from SLA: $4.60 as TT-66-15090

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TT-66-33344 Field 6E, 5I

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BIOLOGICAL EFFECT OF ULTRASOUND. 10 Aug 66, 49p. JPRS-36924.
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CASEBEARERS (LEPIDOPTERA AND COLEOPHORIDAE) DAMAGING THE LARCH IN THE USSR. THEIR DISTRIBUTION AND HISTORICAL RELATIONS TO HOST PLANTS (Chekhlonoski (Lepidoptera i Coleophoridae) Povrezhdayushchie Listvennitsu VSSSR., Ikh Rasprostranenie i Istoricheskie Svyazi s Kormovymi Rasteniyami). Oct 65, 20p, 18refs. ODF-TR-8; NRC-C-5755.
Order from NRC as C-5756

Trans. of Zoologicheskii Zhurnal (USSR) v43 n6 p851-8 1964.

TT-66-13575 Field 6F, 2C, 2D

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Order from SLA: $1.10 as TT-66-13575

Trans. of Kanto Tosan Byogaichu Kenkyukai Nenpo (Japan) v11 p68 1964.

TT-66-62260 Field 6F

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Order from CFSTI: HC$3.00, MF$0.65 as N66-23545

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TT-66-62491 Field 6F

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62491

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H. Food

NCH-204 715 Field 6H

Krasikova, V. I.
THE INFLUENCE OF COVER PICKLES ON THE MICROFLORA. 1966, 4p, 4refs. NLL-M.5879.
Order from NLL

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NCH-204 808 Field 6H

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THE METHANOL CONTENT OF FRUIT JUICES. 1965. TC-1596.
Order from TC: $6.00 as TC-1596

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NCH-204 884 Field 6H

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Order from TC: $14.00 as TC-1710

Trans. of Deutsche Lebensmittel-Rundschau (West Germany) v60 n11 p335-9 1964.

NCH-205 759 Field 6H

Yuditskaya, A. I.; Lebedeva, T. M.
METHODS OF ISOLATING THE PHENOLS IN SMOKED FISH AND THEIR QUALITATIVE ANALYSIS (Metody Vydeleniya i Kachestvenogo Analiza Fendov Kopechnoi Rybi). Aug 66, 18p, 14refs. RTS-2959.
Order from NLL: 22s 6d as RTS-2959

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NCH-205 767 Field 6H

Donchenko, V. M.
BREADMAKING WITHOUT BULK FERMENTATION OF DOUGH AND WITH THE USE OF LIQUID SALT PHASE (Opyt Prigotovleniya Khleba Bez Brozheniya Testa do Razdelki s Primeneniem Zhidkoi Solenio Fazi). Apr 66, 10p. RTS-3181.
Order from NLL: 12s 6d as RTS-3181

Trans. of Khlebopekarnaya i Konditerskaya Promyshlennost (USSR) v9 n1 p10-5 1965.

TT-66-15173 Field 6H

Strasser, J.
THE PRESENT STATE AND FUTURE TRENDS OF VACUUM FREEZE DRYING OF FOODSTUFFS. 8p (refs omitted).
Order from SLA: $1.10 as TT-66-15173

Trans. of Fette, Seifen, Anstrichmittel (West Germany) v65 n10 p846-50 1963.

TT-66-15180 Field 6H, 6T

Gruoh, W.
THE TOXIC ACTION OF CERTAIN KINDS OF HONEY. 10p (refs omitted).
Order from SLA: $1.10 as TT-66-15180

Trans. of Zeitschrift fuer Bienenforschung (West Germany) v4 p47-57 1957.

TT-66-61886 Field 6H

Kozin, N. I.
PREPARATION OF POWDERED FATS (MARGARINE AND BUTTER). 1966, 17p.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61886

Trans. of Maslobolno-Zhirovaya Promyshlennost (USSR) v21 n5 p21-4 1956.

TT-66-62355 Field 6H

FOODS FOR COSMONAUTS. 15 Jun 66, 4p.
FTD-HD-66-225; AD-639 494.
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TT-66-62530 Field 6H

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A PERCUSSIVE-VORTICAL ("SHOCK-AND-WHIRL") PULVERIZER FOR LACTOSE SEEDING. Tr. by J. A. Collins. 7p (foreign text included).
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Order from CFSTI: HC$3.00, MC$0.65 as TT-66-62530

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TT-66-62531 Field 6H

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THE PRODUCTION OF WHOLE MILK POWDER FROM NON-FAT MILK AND LIQUID FAT. Tr. by J. A. Collins. 3p (foreign text included)
CSIRO-Trans-8040.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62531

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TT-66-62532 Field 6H

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CONTINUOUS LACTOSE CRYSTALLIZATION IN SWEETENED CONDENSED MILK. Tr. by J. A. Collins. 1966, 7p, refs (foreign text included).
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TT-67-60131 Field 6H, 2D

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60131

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I. Hygiene and sanitation

TT-65-13485 Field 6I

Schnell, R.
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Order from SLA: $1.10 as TT-65-13485

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TT-66-14076 Field 6I, 6E

Scheu, W.
SAUNA FOR CHILDREN. 3p.
Order from SLA: $1.10 as TT-66-14076

Trans. of Sauna (West Germany) v1 p5-7 1952.

TT-66-14077 Field 6I

Karvonen, M. J.
ON THE PHYSIOLOGY OF THE SAUNA BATH. 4p (figs refs omitted).
Order from SLA: $1.10 as TT-66-14077

Trans. of Panorama (sic) Sep 1964.

J. Industrial (occupational) medicine

TT-66-14062 Field 6J, 6T

Barsi, C.
PATHOLOGY CAUSED BY ZIRCONIUM AND ITS COMPOUNDS. 5p, 2refs.
Order from SLA: $1.10 as TT-66-14062

Trans. of Rassegna di Medicina Industriale (Italy) v32 p55-60 1963.

TT-66-33355 Field 6J, 6A

Dolgov, A. P.; Studnitsin, A. A.; Turanov, N. M.
ADVANCES IN DERMATOLOGY AND VENEROLOGY: SELECTED ARTICLES. 10 Aug 66, 14p, refs.
JPRS-36925.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-33355

Trans. of Vestnik Dermatologii i Vernerologii (USSR) n3 p3-7, 23-6 1966.

TT-66-35088 Field 6J

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JPRS-38663.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35088

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v10 n7 p3-64 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

L. Medical and hospital equipment

TT-66-13598 Field 6L

Christensen, E. A.
RADIATION-STERILIZED DISPOSABLE SYRINGES (Stralesteriliserede Engangssprojter). 16p, 24refs.
Order from SLA: $1.60 as TT-66-13598

Trans. of Nordisk Medicin (Sweden) v75 n9 p202-7 1965.

TT-66-13601 Field 6L

Spiegel, A.; Goennert, R.
NEW CAGES FOR MICE AND RATS.
Tr. by A. N. Vildzius. 8 Sep 65, 8p. NIH-9-8-65.
Order from SLA: $1.10 as TT-66-13601

Trans. of Zeitschrift fuer Versuchstierkunde (East Germany) v1 n1 p38-46 1961.

TT-66-14038 Field 6L

Eklund, L. H.
SOME TOXICOLOGICAL ASPECTS OF PLASTICS FOR PHARMACEUTICAL AND MEDICAL PURPOSES. 11p, 30refs.
Order from SLA: $1.60 as TT-66-14038

Trans. of Svensk Farmaceutisk Tidskrift, v68 p715-22 1964.

M. Microbiology

NCH-205 635 Field 6M

Rost, K.; Venner, H.
ENZYMATIC CELL WALL DIGESTION IN YEAST BY SNAIL ENZYME. 1966, 9p, 5refs. NRC-TT-1243; NRC-C-6013.
Order from NRC: $1.00 as C-6013

Trans. of Archiv fuer Mikrobiologie (West Germany) v51 n2 p130-9 1965.

NCH-205 769 Field 6M

Ershov, F. I.; Vagzhanova, V. A.
GROWTH DYNAMICS OF VENEZNELAN EQUINE ENCEPHALOMYELITIS VIRUS IN CELL CULTURES (Dinamika Razmnozheniya Virusa Loshadinogo Venesuelskogo Entsefalita v Kulture Kletok).
Apr 66, 10p, 25refs. RTS-3235.
Order from NLL: 15s as RTS-3235

Trans. of Voprosy Virusologii (USSR) v10 n2 p176-81 1965.

NCH-205 942 Field 6M

Guberniev, M. A.; Ugoleva, N. A.; Torbochkina, L. I.
CONTENT OF NUCLEIC ACIDS AND PHOSPHORUS COMPOUNDS IN THE MYCELIUM OF ACTINOMYCES RIMOSUS AT VARIOUS STAGES OF DEVELOPMENT. 1966, 5p. ATS-08T94R.
Order from ATS: $9.90 as ATS-08T94R

Trans. of Antibiotiki (USSR) v1 n6 p25-9 1956.

TT-65-11078 Field 6M

Gutgisser, A. H.
ON THE AEROBIC DISINTEGRATION OF CELLULOSE UNDER THE INFLUENCE OF A PURE CULTURE OF CYTOBACTER POLONICUM. 28p (figs refs omitted).
Available on loan from SLA as TT-65-11078

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TT-66-12849 Field 6M

Cooper, E. H.; Amiel, H. L.
THE PROLIFERATION OF HUMAN LYMPHOCYTES "IN VITRO". Tr. by P. Hajdu. 9 Jun 66, 32p, 111refs. NIH-6-13-66.
Order from SLA: $3.60 as TT-66-12849

Trans. of Revue Francaise d'Etudes Cliniques et Biologiques, v10 p469-87 1965.

TT-66-13677 Field 6M

Bauer, H.; Bahnemann, H.; Schaefer, W.
STUDIES ON THE MYELOBLASTOMA VIRUS (BAI STRAIN A) OF CHICKENS. 1: DEMONSTRATION OF THE VIRUS AND ITS REPLICATION KINETICS IN CHICKEN FIBROBLAST CULTURES. 11 May 66, 9p (5 refs omitted) 16refs. NIH-5-11-66.
Order from SLA: $1.10 as TT-66-13677

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TT-66-13837 Field 6M

Haibara, S.
EFFECT OF MARUYAMA VACCINE ON EXPERIMENTAL TUBERCULOSIS OF GUINEA PIGS. 2 Jul 66, 18p, 42refs. NIH-7-24-66.
Order from SLA: $1.60 as TT-66-13837

Trans. of Kekkaku (Japan) v39 p13-22 1964.

TT-66-14061 Field 6M, 6O

Semenova, V. A.
STUDY OF CERTAIN ACTINOMYCETES FORMING CLOSELY RELATED ANTIBIOTICS. 11p, 4refs.
Order from SLA or ETC: $1.60 as TT-66-14061

Trans. of Antibiotiki (USSR) v8 n1 p12-8 1963.

TT-66-14069 Field 6M

Archetti, I.; Bocciarelli, D. S.
BIOLOGICAL STRUCTURE AND CHARACTERISTICS OF A STILL UNTYPED SMALL VIRUS. Tr. by P. DePorte. 6 Aug 66, 10p (some figs omitted) 5refs.
Order from SLA: $1.10 as TT-66-14069

Trans. of Istituto Superiore di Sanita, Rome. Annali (Italy) v1 p103-6 1965.
Paper presented at the Italian Congress on Electron Microscopy (no. 4) Padua, 25-26 Nov 63.

TT-66-14071 Field 6M

Fauconnier, B.
HEMAGGLUTINATION BY MEANS OF ERYTHROCYTES (FORMALIN-TREATED, TANNED, AND SENSITIZED TO A VIRAL (ADENOVIRUS)) ANTIGEN. Tr. by Z. Knowles. 23 Aug 66, 8p, 9refs. NIH-8-24-66.
Order from SLA: $1.10 as TT-66-14071

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TT-66-15063 Field 6M, 6A

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SEPARATION OF A AND C-STRUCTURE ANTIGENS FROM ADENOVIRUSES 2 AND 5 BY ELECTROPHORESIS IN LIQUID FILM. Tr. by H. Warfield. 18 Oct 66, 6p, 6refs. NIH-10-11-66.
Order from SLA: $1.10 as TT-66-15063

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v262 n21 p2301-4 1966.

TT-66-25730 Field 6M

Ezrukh, E. N.; Babushkina, I. N.
THE SURVIVAL RATE IN THE SOIL OF VERTICILLIUM, THE CAUSATIVE AGENT OF VERTICILLIUM WILT OF COTTON. 8p (refs omitted).
Order from ETC: $1.10 as TT-66-25730

Trans. of Botanicheskii Zhurnal (USSR) v50 n12 p1694-1701 1965.

TT-66-34366 Field 6M

GENERAL ASSEMBLY OF THE HUNGARIAN MICROBIOLOGICAL SOCIETY. 30 Sep 66, 10p. JPRS-37939.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34366

Trans. of Orvosi Hetilap (Hungary) n35 p1677-9 1966.

TT-66-61612 Field 6M

Nedopryadko, D. M.
SOME BIOLOGICAL PROPERTIES OF SONNE BACTERIOPHAGES. Jul 66, 16p, 17refs. FASEB-S-592-5.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61612

Trans. of Mikrobiolohichnyi Zhurnal (USSR) v27 n5 p55-60 1965.

TT-66-61613 Field 6M

Yakimenko, T. M.; Kobzeva, M. G.
THE COMBINED HEMOLYTIC ACTION OF THE HEMOTOXINS OF PROTEUS AND OF CERTAIN MEMBERS OF THE INSTESTINAL MICROFLORA. Jul 66, 11p, 10refs. FASEB-S-594-5.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61613

Trans. of Mikrobiolohichnyi Zhurnal (USSR) v27 n5 p63-7 1965.

TT-66-61614 Field 6M

Gerasimenko, D. D.
LYSOGENIZATION OF CERTAIN STAPHYLOCOCCI. Jul 66, 8p, 4refs. FASEB-S-593-5.
Order from CFSTI: HC$3.00, MF$0.65

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Trans. of Mikrobiolohichnyi Zhurnal (USSR)
v27 n5 p61-3 1965.

TT-66-61633 Field 6M

Mankovskii, A. V.
PROTEASE ACTIVITY AND TOXICITY OF CULTURAL FILTRATES OF MICROORGANISMS OF THE GENUS PROTEUS. Jul 66, 8p, 10refs. FASEB-S-470-5.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-61633

Trans. of Mikrobiolohichnyi Zhurnal (USSR)
v27 n4 p10-2 1965.

TT-66-62209 Field 6M

Sukhar, V. V.
ANTIGENIC COMPOSITION OF CERTAIN STRAINS OF BRUCELLA TULARENSIS: REPT. 1. Sep 66, 13p, refs. FASEB-S-45-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62209

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n11 p38-44 1965.

TT-66-62327 Field 6M, 6E

Anatolii, S. A.
A STUDY OF THE BIOLOGICAL ESSENCE OF THE VIRULENT PROPERTIES OF MICROBES. REPORT II, THE NATURE OF PNEUMOCOCCUS INFECTION IN WHITE MICE DEPENDING ON THE ROUTE OF INFECTION AND THE DOSE OF CAUSATIVE AGENT. Tr. by Charles T. Ostertag, Jr. 18 Jul 63, 9p, 14refs. ABL-Trans-1604; AD-639 399.
Order from CFSTI: HC$3.00, MF$0.65 as AD-639 399

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n2 p120-4 1965.

TT-66-62372 Field 6M

Adamov, A. K.
PROPERTIES OF ANTIBODIES FIXED ON PARTICLES AND THE PERSPECTIVE OF THEIR APPLICATION IN MICROBIOLOGY. Tr. by Richard M. Koplen. Jul 65, 10p. ABL-Trans-1478; AD-639 795.
Order from CFSTI: HC$3.00, MF$0.65 as AD-639 795

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n11 p3-7 1964.

TT-66-62376 Field 6M

Rezepova, A. I.
STANDARDIZATION OF CONDITIONS FOR SETTING UP THE HEMAGGLUTINATION INHIBITION REACTION WITH THE NON-INFECTIVE ANTIGEN OF THE TICK-BORNE EXCEPHALITIS VIRUS. Tr. by Charles T. Ostergag, Jr. 1966, 9p, 4refs. ABL-Trans-16006; AD-639 798.
Order from CFSTI: HC$3.00, MF$0.65 as AD-639 798

Trans. of Voprosy Virusologii (USSR) v8 n2 p180-4 1963.

TT-66-62403 Field 6M

Sinelnikova, E. P.
ON THE PROPERTIES AND TECHNIQUE OF OBTAINING THE STREPTOCOCCUS AEROSOL IN EXPERIMENTAL CONDITIONS. Tr. by Richard M. Koplen. Jul 65, 9p, 13refs. ABL-Trans-1467; AD-640 044.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 044

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n1 p120-3 1965.

TT-66-62409 Field 6M

Eremitskaya, N. A.
MATERIALS ON THE VARIABILITY OF P. PESTIS UNDER NATURAL CONDITIONS. Tr. by Charles T. Ostertag, Jr. Jun 65, 4p. ABL-Trans-1614; AD-640 050.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 050

Trans. of mono. of Nauchnaya Konferentsiya po Prirodnoi Ochagovosti i Profilaktike Chumy, Alma-Ata, Feb 63. Materialy, n.p., n.d.

TT-66-62425 Field 6M

Goldfarb, D. M.; Zuev, V. A.; Gershanovich, V. N.
PHAGE REPRODUCTION IN ESCHERICHIA COLI SPHEROPLASTS THAT WERE PRODUCED WITH LYTIC ENZYME OF THE T2-PHAGE. 1966, 7p, refs. NIH-9-15-66.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62425

Trans. of Mikrobiologiya (USSR) v34 n4 p648-52 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-62489 Field 6M, 2D

Filippova, K. F.
THE EFFECT OF SOIL SALINITY ON THE NITROGEN-FIXING ACTIVITY OF LUCERNE TUBER BACTERIA. Tr. by J. A. Collins. 1956, 16p (foreign text included) refs. CSIRO-Trans-8011.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62489

Trans. of Perm Univ. Estestvenno-Nauchnyi Institut. Izvestiya (USSR) v13 n10 p113-20 1957.

TT-67-60172 Field 6M

Matveeva, K. I.; Sokolov, M. I.
HANDBOOK OF MICROBIOLOGICAL DIAGNOSIS OF INFECTIOUS DISEASES. 11 May 66, 1149p. FTD-TT-65-1213; AD-643 373.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 373

Unedited rough draft trans. of mono. Rukovodstvo po Mikrobiologicheskoi Diagnostike Infektsionnykh Boleznei, Moscow, 1964 683p.

0. Pharmacology

NCH-205 480 Field 6O

Mairanovskii, V. G.
POLAROGRAPHIC CONTROL IN THE SYNTHESIS OF VITAMIN A. 1966, 6p. ATS-61T93R.
Order from ATS: $9.20 as ATS-61T93R

Trans. of Meditsinskaya Promyshlennost SSSR, v18 n10 p37-41 1964.

NCH-205 486 Field 6O

Solunina, I. A.; Sorokina, R. A.; Devyatin, V. A.
DETERMINATION OF 3-METHYL-2-PENTEN-4-YN-1-OL IN THE PRESENCE OF 3-METHYL-1-PENTEN-4-YN-3-OL. 1966, 3p. ATS-60T93R.
Order from ATS: $5.00 as ATS-60T93R

Trans. of Meditsinskaya Promyshlennost SSSR, v15 n5 p60-1 1961.

NCH-205 930 Field 6O, 6E

Wandschneider, G.
CONTRIBUTION TO THE TREATMENT OF INTESTINAL DAMAGE CAUSED BY ANTIBIOTICS. 1966, 5p. ATS-70T93G.
Order from ATS: $9.35 as ATS-70T93G

Trans. of Wiener Medizinische Wochenschrift (Austria) v115 n13 p269-71 1965.

NCH-205 931 Field 6O, 6E

Benda, L.; Doneff, D.; Lujf, A.; Moser, K.
CLINICAL STUDIES ON THE CARDIOTRONIC ACTION OF PROSCILLARIDIN A. 1966, 8p. ATS-97T93G.
Order from ATS: $15.60 as ATS-97T93G

Trans. of Wiener Klinische Wochenschrift (Austria) v78 n6 p103-4, 106-9 1966.

NCH-205 937 Field 6O, 6E

Holler, H. D.
A NEW CARDIAC GLYCOSIDE IN CLINICAL USE AND MEDICAL PRACTICE. 1966, 3p. ATS-98T93G.
Order from ATS: $6.00 as ATS-98T93G

Trans. of Therapie der Gegenwart (West Germany) v104 n5 p707-11 1965.

NCH-205 951 Field 6O, 6E

Gebhardt, W.; Reindell, H.; Heining, J.; Buchner, C.; Danner, D.
CLINICAL EXPERIENCE WITH TALUSIN (R) 1966, 19p. ATS-99T93G.
Order from ATS: $34.85 as ATS-99T93G

Trans. of Medizinische Klinik (West Germany) v60 n22 p893-8; n24 p964-9 1965.

NCH-205 980 Field 6O

Ushakov, S. N.; Panarin, E. F.
COMBINATION OF PENICILLINS WITH WATER-SOLUBLE POLYMERS. 1966, 4p. ATS-80T94R.
Order from ATS: $8.75 as ATS-80T94R

Trans. of Akademiya Nauk SSSR. Doklady, v147 n5 p1102-4 1962.

NCH-206 447 Field 6O

Avakyan, V. M.
THE SEARCH FOR NEW SYMPATHOLYTIC COMPOUNDS AMONG DERIVATIVES OF XYLOCHOLINE, BRETYLIUM AND GUANETHIDINE (Poiski Novykh Simpatoliticheskikh Soedinenii Sredi Proizvodnykh Ksilokholina, Bretiliya i Guanetidina). Jul 66, 26p, 69refs. RTS-3110.
Order from NLL: 35s as RTS-3110

Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya, v16 n6 p11-25 1963.

TT-65-14329 Field 6O

Volpato, G.; Giro, M.
SALICYLATES AND CORTICOTROPIC DRUGS. 12p (figs refs omitted).
Order from SLA $1.60 as TT-65-14329

Trans. of Chirurgia Italiana, v8 p291-9 1955-56.

TT-66-11712 Field 6O

Maekawa, H.; Takagishi, Y.
STUDIES OF THE MANUFACTURE OF SUGAR-COATED TABLETS. PT 2: MOISTURE RESISTANCE OF THE WATERPROOF COATING AND ITS EFFECT ON THE DISINTEGRATION CHARACTERISTICS. 8p (figs omitted) 1ref.
Order from SLA: $1.10 as TT-66-11712

Trans. of Yakuzaigaku (Japan) v21 p161-6 1961.

TT-66-11713 Field 6O

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Order from SLA: $1.60 as TT-66-13704

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TT-66-13842 Field 6P

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TT-66-13845 Field 6P, 6A

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Order from SLA: $1.60 as TT-66-13845

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TT-66-13854 Field 6P

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Order from SLA: $3.60 as TT-66-13854

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TT-66-13892 Field 6P, 6E

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ON ARTIFICIAL BLOOD. 22p, 15refs.
Order from SLA: $2.60 as TT-66-13892

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TT-66-14049 Field 6P

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Order from SLA: $1.60 as TT-66-14049

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Order from SLA: $2.60 as TT-66-14066

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Order from SLA: $1.60 as TT-66-14997

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Order from SLA: $1.10 as TT-66-15059

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TT-66-15100 Field 6P, 6A

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TT-66-33532 Field 6P, 5J

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COORDINATION OF MOTOR AND VEGETATIVE FUNCTIONS IN MAN DURING MUSCULAR ACTIVITY: SELECTED ARTICLES. 18 Aug 66, 37p, refs. JPRS-37103.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-33532

Trans. of mono. Koordinatsiya Dvigatelnykh i Vegetativnykh Funktsii Pri Myshechnoi Deyatelnosti Cheloveka, Moscow, 1965 p3-17, 117-33, 139.

TT-66-34111 Field 6P, 6N

RESULTS OF THE THIRD ALL-UNION CONFERENCE OF ONCOLOGISTS OF THE USSR. 19 Sep 66, 12p. JPRS-37683.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34111

Trans. of Voprosy Onkologii (USSR) v12 n5 p115-20 1966.

TT-66-34297 Field 6P

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34297

TT-66-35137 Field 6P

SOVIET RESEARCH ON PROBLEMS OF NUTRITION. 21 Nov 66, 58p, refs. JPRS-38713.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35137

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TT-66-35312 Field 6P, 6E

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TT-66-62214 Field 6P

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62214

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Order from CFSTI: HC$3.00, MF$0.65 as AD-639 150

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TT-66-62331 Field 6P

Vasilev, A. I.
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Order from CFSTI: HC$3.00, MF$0.65 as AD-639 426

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TT-66-62447 Field 6P

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R. Radiobiology

TT-65-50405/4A Field 6R, 6E

Simic, M.; Sijivic, V.; Petrovic, M.; Cirkovic, D.
ANTIBODY FORMATION IN IRRADIATED RATS (Stvaranje Antitela u Ozracehnih Pacova). Tr. by Miroslav Simic and Vojin Sijivic. 1966, 163p, refs. SFCSI-AEC(TT-65-50405/4A); AEC-tr-6486/4A.
Order from CFSTI: $3.00 as AEC-tr-6486/4A

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol 16, No. 4.

TT-66-13223 Field 6R, 18F

Salatskaya, M. I.; Lebedev, V. N.; Zolin, L. S.
PERSONNEL DOSIMETRY TECHNIQUE USING NUCLEAR EMULSIONS FOR MONITORING EAST NEUTRONS. 13p, 12refs.
Order from SLA: $1.60 as TT-66-13223

Trans. from mono. Radiatsionnaya Fizika. no. 2, Dosimetriya Neitronov i Gamma-Luchei, Riga, 1964 p107-15.
Radiation Physics. 2: Neutron and Gamma Ray Dosimetry.
Collection of papers presented at the Symposium on Neutron and Gamma-Ray Dosimetry, Riga, 27 - 29 Nov 63.

TT-66-13607 Field 6R

Georgacopulo, P.; Stancanelli, V.; Motta, G.; Padovan, Q.
TREATMENT OF VESICAL NEOPLASMS BY MEANS OF A RADIOACTIVE NITROGEN MUSTARD (Trattamento delle Neoplasie Vescicali Mediante una Mostarda Azotata Radioattiva). 7p, 2refs.
Order from SLA: $1.10 as TT-66-13607

Trans. of Minerva Medica (Italy) v56 n37 p1476-8 1965.

TT-66-15014 Field 6R

Tarusawa, S.
SEROLOGICAL STUDIES ON THE EFFECT OF X-RAY IRRADIATION ON THE LIVING BODY. 7p (figs omitted). NP-tr-1204.
Order from SLA: $1.10 as TT-66-15014

Trans. of Iwate Igaku Zasshi (Japan) v15 p114-21 1963.

TT-66-15028 Field 6R

Friedrich, W.; Markus, B.
THE RELATIVE BIOLOGICAL EFFECTIVENESS OF 15 MEV ELECTRONS AND 200 KV X-RAYS UPON THE ROOT POINT CELLS OF ALLIUM CEPA (Zur Relativen Biologischen Wirksamkeit von 15-MeV-Elektronen 200-kV-Roentgenstrahlen auf Wurzelspitzenzellen von Allium Cepa). Tr. by E. K. Wilip. Oct 64, 3p. ANL-Trans-114.
Order from SLA: $1.10 as TT-66-15028

Trans. of Biophysik (East Germany) v1 p216-7 1964.

TT-66-15029 Field 6R

Gaertner, H.
THE SIGNIFICANCE OF THE RBE FOR THE RADIATION THERAPY. Tr. by E. K. Wilip. Oct 64, 3p. ANL-Trans-113.
Order from SLA: $1.10 as TT-66-15029

Trans. of Biophysik (East Germany) v1 p214-5 1964.

TT-66-15032 Field 6R

Hornykiewytsch, Th.
EFFECT OF X-RAYS AND GAMMA-RAYS OF Co60 UPON THE GROWING RABBIT LARYNX. A CONTRIBUTION TO THE RB-EFFECT OF THE Co60 GAMMA-RADIATION UPON THE CARTILAGE. Tr. by E. K. Wilip. Oct 64, 3p. ANL-Trans-121.
Order from SLA: $1.10 as TT-66-15032

Trans. of Biophysik (East Germany) v1 p222-3 1964.

TT-66-15198 Field 6R

Hug, O.
THE RELATIVE BIOLOGICAL EFFECTIVENESS OF IONIZING RADIATION (RBW) (Die Relative Biologische Wirksamkeit in der Medizinischen Radiologie). Tr. by E. K. Wilip. Oct 64, 5p, 3refs. ANL-Trans-111.
Order from SLA: $1.10 as TT-66-15198

Trans. of Biophysik (West Germany) v1 n4 p210-3 1964.

TT-66-33336 Field 6R

Pukhov, V. A.
EFFECT OF SUPER-HIGH ELECTROMAGNETIC WAVES ON MICE. 9 Aug 66, 4p, 7refs. JPRS-36906.

Order from CFSTI: HC$3.00, MF$0.65
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TT-66-62076 Field 6R

Duranov, V. S.; Abramov, I. V.
THE EFFECT OF EXTERNAL AND INTERNAL RADIOACTIVITY ON THE RESISTANCE OF SHEEP TO BABESIELLOSIS-INDUCING PARASITES. Tr. by J. A. Collins. 1966, 11p (foreign text included). CSIRO-Trans-7959.
Order from CFSTI: HC$3.00, MF$0.65
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Trans. of Veterinariya (USSR) v42 n12 p41-4 1965.

S. Stress physiology

NCH-206 483 Field 6S

Parin, V. V.
CERTAIN TRENDS IN SPACE MEDICINE.
16 Sep 66.
Order from JW: $3.00

Trans. of mono. Nauka i Chelovechestvo, Moscow, 1965 p302-11.

TT-65-63865 Field 6S

Gazenko, O. G.; Gyurdzhian, A. A.
PHYSIOLOGICAL EFFECTS OF GRAVITATION.
Aug 65, 21p, 60refs. N65-29623; NASA-TT-F-376.
Order from CFSTI: HC$3.00, MF$0.65
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Trans. of mono. Fiziologicheskie Effekty Gravitatsii, n.p., n.d.
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TT-66-13571 Field 6S, 20A

Sala, O.
PSYCHO-PHYSICAL CONSEQUENCES OF ELECTROACOUSTIC SOUND SYNTHESIS.
21p (figs omitted) 12refs.
Order from SLA: $2.60 as TT-66-13571

Trans. of Frequenz (West Germany) v5 n1 p13-20 1951.

TT-66-35359 Field 6S

Yazdovskii, V. I., ed.
MEDICAL AND BIOLOGICAL PROBLEMS OF SPACEFLIGHTS. SPACE BIOLOGY AND MEDICINE. 2 Dec 66, 629p, 52refs. JPRS-38935.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35359

Trans. of mono. Kosmicheskaya Biologiya i Meditsina. Mediko-Biologicheskie Problemy Kosmicheskikh Poletov, Moscow, 1966 462p.

TT-66-61888 Field 6S

Vartbarohov, R. A.; Volokhova, N. A.
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Order from CFSTI: HC$3.00, MF$0.65
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Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v30 n4 p500-6 1965.

TT-66-62371 Field 6S, 6C, 22A

Dodge, C. H.
SOVIET BIOTECHNOLOGY AND BIOASTRONAUTICS, JUNE 1965-DECEMBER 1965: COMPILATION OF ABSTRACTS. 15 Jun 66, 169p. ATD-66-75; AD-639 781.
Order from CFSTI: HC$3.00, MF$0.65
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Report based on Soviet (and some Soviet-bloc) open literature for the period 30 Jun-31 Dec 65. Rept. on Surveys of Foreign Scientific and Technical Literature.

TT-66-62426 Field 6S

Efimov, V. V.; Tolokonnikov, B. V.; Gamburtsev, V. A.
ON THE PROBLEM OF CHANGES IN PHYSICO-CHEMICAL AND BIOLOGICAL PROPERTIES OF PILOTS' SALIVA DURING ROLLING, TURNING, AND HYPOXIA. 30 Mar 66, 11p. FTD-TT-65-1645; AD-640 284.
Order from CFSTI: HC$3.00, MF$0.65 as AD-640 284

Unedited rough draft trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v13 n5 p44-7 1942.

T. Toxicology

TT-66-13695 Field 6T

Reshetyuk, A. L.
COMPARATIVE EXAMINATION OF THE TOXIC EFFECTS OF POTASSIUM. 10p, 21refs.
Order from SLA: $1.10 as TT-66-13695

Trans. of Farmakologiya i Toksikologiya (USSR) v26 n1 p117-21 1963.

07 CHEMISTRY

TT-63-11452/7 Field 7-, 6A

BULLETIN OF THE CHEMICAL SOCIETY BELGRADE. VOL. 27 NO. 7 1963. 1965, 61p, 28refs.
SFCSI-Comm(TT-63-11452/7).
Order from CFSTI: $3.00 as TT-63-11452/7

Trans. of Srpsko Hemisko Drustvo, Belgrad. Glasnik (Yugoslavia) v28 n7 1963.

TT-64-11460/7 Field 7-

BULLETIN OF THE CHEMICAL SOCIETY BELGRAD, VOL. 29, NO. 7, 1964. Tr. by Danica Ladjevac and Aleksandra Stojiljkovic. 1966, 38p, refs. SFCSI-Comm(TT-64-11460/7).
Order from CFSTI: $3.00 as TT-64-11460/7

Trans. of Srpsko Hemisko Drustvo, Belgrad, Glasnik (Yugoslavia) v29 n7 p283-320 1964.

TT-64-11460/8-10 Field 7-

BULLETIN OF THE CHEMICAL SOCIETY BELGRADE, VOL. 29. NO. 8/10. 1964. 1966, 175p. SFCSI-Comm(TT-64-11460/8-10).
Order from CFSTI: $3.00 as TT-64-11460/8-10

Abstract trans. of Srpsko Hemisko Drustvo, Belgrad, Glasnik (Yugoslavia) v29 n8/10 1964.

TT-66-35390 Field 7-

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 36. 5 Dec 66, 25p. JPRS-38967.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35390

TT-66-35393 Field 7-

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 35. 5 Dec 66, 199p. JPRS-38970.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35393

A. Chemical engineering

NCH-206 392 Field 7A

Katsumoto, T.
BOILING POINTS OF THE AZEOTROPES OF BETA-PICOLINE, GAMMA-PICOLINE AND 2,6-LUTIDINE WITH FORMIC ACID: CRITICISM FOR THE SEPARATION OF THREE BASES BY THE AZEOTROPIC DISTILLATION. 17 Oct 66, 7p, 15refs. SA-KKZ-56-783-784.
Order from SA: $15.00 as SA-KKZ-56-783-784

Trans. of Kogyo Kagaku Zasshi (Japan) v56 n10 p783-4 1953.

NCH-206 395 Field 7A

Kotake, M.; Nakagawa, M.; Ohara, T.; Harada, K.; Ninomiya, M.
STUDY ON THE SYNTHESIS OF HYDROCYANIC ACID USING FIXED CATALYST. 17 Oct 66, 16p, 3refs. SA-KKZ-59-121-124.
Order from SA: $19.00 as SA-KKZ-59-121-124

Trans. of Kogyo Kagaku Zasshi (Japan) v59 n1 p121-4 1956.

NCH-206 396 Field 7A

Itoh, A.
STUDIES ON SULFONATION OF NAPHTHALENE. 14: DIFFERENCE IN THE ACTIVATION ENERGY REQUIRED FOR THE MONOSULFONATION OF NAPHTHALENE. 17 Oct 66, 16p, 10refs. SA-KKZ-62-549-551.
Order from SA: $22.00 as SA-KKZ-62-549-551

Trans. of Kogyo Kagaku Zasshi (Japan) v62 n4 p549-51 1959.

NCH-206 400 Field 7A

Usami, S.; Taketomi, N.
STUDY ON THE CITRIC ACID FERMENTATION. 5: PRODUCTION OF CITRIC ACID BY SUBMERGED FERMENTATION USING ACID-HYDROLYZATE OF SWEET POTATO STARCH AS A SOURCE OF CARBOHYDRATE. 17 Oct 66, 19p, 9refs. SA-KKZ-63-1602-1605.
Order from SA: $22.00 as SA-KKZ-63-1602-1605

Trans. of Kogyo Kagaku Zasshi (Japan) v63 n9 p1602-5 1960.

NCH-206 402 Field 7A

Komatsu, F.
AIR OXIDATION OF ISOQUINOLINE (RECOVERY OF PYRIDINE MONOCARBOXYLIC ACIDS). 3. SOLUBILITIES OF AN ISONICOTINIC ACID-NICOTINIC ACID MIXTURE IN WATER AND ITS RECOVERY. 17 Oct 66, 30p, 9refs. SA-KKZ-64-1084-1088.
Order from SA: $28.00 as SA-KKZ-64-1084-1088

Trans. of Kogyo Kagaku Zasshi (Japan) v64 n6 p1084-8 1961.

TT-66-14669 Field 7A

Bresker, R.; Rivin, M.; Sokolik, A.
THE EXPLOSIVE LIMITS OF GASEOUS MIXTURES. 4: EXPLOSIVE LIMITS OF ACETYLENE MIXTURES. 5p, 9refs.
Order from SLA or ETC: $1.10 as TT-66-14669

Trans. of Acta Physicochimica U.R.S.S., v7 n5 p749-54 1937.

TT-66-14960 Field 7A

Bergot, J.
AUTOMATIC APPARATUS FOR EXTRACTION OF LIQUIDS BY NON-MISCIBLE SOLVENTS. 6p (some figs omitted).
Order from SLA: $1.10 as TT-66-14960

Trans. of Annales des Falsifications et de l'Expertise Chimique (France) v57 n664 p157-60 1964.

TT-66-15083 Field 7A, 7C

Tyuryaev, I. Ya.
THE FUNDAMENTALS OF BUTADIENE PRODUCTION BY THE DEHYDROGENATION OF BUTANE AND BUTYLENE. 35p, 121refs.
Order from SLA: $3.60 as TT-66-15083

Trans. of Uspekhi Khimii (USSR) v35 n1 p121-49 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-15094 Field 7A, 7C

Lanchec, G.
NEW EXPERIMENTS ON THE CHLORINATION OF PARAFFINIC HYDROCARBONS. 35p, 69refs.
Order from SLA: $3.60 as TT-66-15094

Trans. of Chimie et l'Industrie (France) v93 n6 p662-82 1965.

TT-66-15097 Field 7A

Ziegler, K.
RESULTS AND DEVELOPMENT OF A DISCOVERY. NOBEL SPEECH ON DECEMBER 12, 1963. 17p, 25refs.
Order from SLA: $1.60 as TT-66-15097

Trans. of Angewandte Chemie (West Germany) v76 n13 p545-53 1964.

TT-66-15099 Field 7A

Popov, M. A.; Shulkin, N. I.
THE CATALYTIC REDUCTIVE AMINATION OF BUTANAL. 7p, 10refs.
Order from SLA: $1.10 as TT-66-15099

Trans. of Akademiya Nauk SSSR. Tzvestiya. Seriya Khimicheskaya, n6 p1082-6 1962.

TT-66-15102 Field 7A, 7C

Paushkin, Ya.; Osipova, L. V.
THE PROPERTIES, PREPARATION AND APPLICATION OF ACETONITRILE. 49p (refs omitted).
Order from SLA: $4.60 as TT-66-15102

Trans. of Uspekhi Khimii (USSR) v28 n3 p237-64 1959.

TT-66-15108 Field 7A, 7D

Keltsev, N. V.
KINETICS OF DESORPTION OF WATER VAPOR AND CARBON DIOXIDE FROM ZEOLITES UNDER VACUUM. 6p (figs omitted) 5refs.
Order from SLA: $1.10 as TT-66-15108

Trans. of Gazovaya Promyshlennost (USSR) v9 n4 p51-4 1964.

TT-66-35036 Field 7A, 13I

Brekhov, K.; Zhukas, A.; Sedzyavichyus, Kh.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 20. 14 Nov 66, 7p, JPRS-38611.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35036

Trans. from Pravda, Moscow (USSR) 6 Sep p1, 2 1966.

TT-66-35105 Field 7A, 13I

Torzyan, G. O.; Faron, Ya.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 21. 17 Nov 66, 24p. JPRS-38681.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35105

Trans. of Khimicheskoe i Neftyanoe Mashinostroenie (USSR) n9 10p 1066.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-35332 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY: TRANSLATIONS NO. 23. 1 Dec 66, 26p. JPRS-38908.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35332

TT-66-35340 Field 7A, 21D, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 326. 1 Dec 66, 35p. JPRS-38916.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35340

TT-66-35344 Field 7A, 13I

Tikhomirov, S.
USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 24. Accelerated Development of Soviet Chemical Industry Planned. 2 Dec 66, 6p. JPRS-38920.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35344

Trans. of Sovetskaya Torgovlya (USSR) n9 p3-5 1966.

TT-66-35413 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 25. 7 Dec 66, 22p. JPRS-38990.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35413

B. Inorganic chemistry

TT-66-15031 Field 7B

Halla, F.; Tompa, H.
THE STATE OF SODIUM DISSOLVED IN NaOH-MELTS (Ueber den Zustand des in NaOH-Schmelzen Geloesten Natriums). Tr. by E. K. Wilip. May 65, 11p, 17refs. ANL-Trans-186.
Order from SLA: $1.60 as TT-66-15031

Trans. of Zeitschrift fuer Anorganische und Allgemeine Chemie (East Germany) v219 n4 p321-31 1934.

TT-66-15084 Field 7B

Zosimovich, D. P.; Nechaeva, N. E.; Zorich, N. F.
PREPARATION OF THE CRYSTAL HYDRATE OF BIVALENT CHROMIUM CHLORIDE. 5p, 9refs.
Order from SLA: $1.10 as TT-66-15084

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v30 n10 p1109-10 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

C. Organic chemistry

NCH-206 393 Field 7C

Ohashi, K.; Suzuki, S.
STUDY ON THE SYNTHESIS OF AMINO ACID FROM ACRYLIC ESTER. 1: ALDEHYDE-FORMING REACTION OF ACRYLIC ESTER. 17 Oct 66, 9p, 10refs. SA-KKZ-56-792-794.
Order from SA: $16.00 as SA-KKZ-56-792-794

Trans. of Kogyo Kagaku Zasshi (Japan) v56 n10 p792-4 1953.

NCH-206 394 Field 7C

Suzuki, S.; Morita, M.
STUDY ON THE SYNTHESIS OF AMINO ACID FROM ACRYLIC ESTER. 2: SYNTHESIS OF GLUTAMIC ACID FROM SUCCININC SEMI-ALDEHYDE. 17 Oct 66, 5p, 5refs. SA-KKZ-56-867-868.
Order from SA: $10.00 as SA-KKZ-56-867-868

Trans. of Kogyo Kagaku Zasshi (Japan) v56 n11 p867-8 1953.

TT-66-13573 Field 7C, 6O

Fodor, G.; Kiss, J.; Banfi, D.
CONFIGURATIVE RELATION BETWEEN PHARMACOLOGICALLY ACTIVE 2-AMINO ALCOHOLS. PT 4: DETERMINATION OF THE CONFIGURATION OF DLCORBASIL. 16p, 20refs.
Order from SLA: $1.60 as TT-66-13573

Trans. of Monatshefte fuer Chemie (Austria) v83 p1146-55 1952.

TT-66-14847 Field 7C

THE STORY OF COMPOSITE TOBACCO FROM RESEARCH IN AMERICA. FIVE PERCENT MIXTURE STILL OK FROM TASTE VIEWPOINT. 4p.
Order from SLA: $1.10 as TT-66-14847

Trans. of Senbai (sic) (Japan) n325 p4 Feb 20 1966.

TT-66-15004 Field 7C

Piotrowski, J.
COLORIMETRIC DETERMINATION OF NITROBENZENE AND ITS CHLORO-DERIVATIVES IN AIR. 15p, 13refs.
Order from SLA: $1.60 as TT-66-15004

Trans. of Chemia Analityczna (Poland) v10 n1 p55-65 1965.

TT-66-15055 Field 7C, 6A

Hahn, G.; Wefner, H.
SYNTHESIS OF TETRAHYDROHARMAN (4-CARBOLINE)-SYSTEMS UNDER PHYSIOLOGICAL CONDITIONS. REPT. NO. 3: SYNTHESIS OF THE YOHIMBINE STRUCTURE. Tr. by P. Hajdu. 6 Oct 66, 10p, 26refs. NIH-10-4-66.
Order from SLA: $1.10 as TT-66-15055

Trans. of Justus Liebigs Annalen der Chemie (Germany) v520 p123-33 1935.

TT-66-15056 Field 7C, 6A

Hahn, G.; Barwald, L.; Schales, O.; Werner, H.
SYNTHESIS OF TETRAHYDRO-HARMAN (4-CARBOLIN)-DERIVATIVES UNDER PHYSIOLOGICAL CONDITIONS. REPT. NO. 2. Tr. by H. Warfield. 4 Oct 66, 18p, 15refs. NIH-10-1-66.
Order from SLA: $1.60 as TT-66-15056

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v520 p107-23 1935.

TT-66-15086 Field 7C

Yurzhenko, T. I.; Puchin, V. A.; Voronov, S. A.
ENQUIRY INTO THE POLYMERIZATION AND COPOLYMERIZATION OF CERTAIN PEROXIDE MONOMERS. 5p, 20refs.
Order from SLA: $1.10 as TT-66-15086

Trans. of Akademiya Nauk SSSR. Doklady, v164 n6 p1335-8 1965.

TT-66-15095 Field 7C

Colonge, J.; Boisde, P.
SYNTHESIS IN THE TETRAHYDROPYRAN SERIES. 7p, 16refs.
Order from SLA: $1.10 as TT-66-15095

Trans. of Societe Chimique de France. Bulletin, n5 p824-6 1956.

TT-66-15106 Field 7C

Kohodakov, Yu. S.; Minachev, Kh. M.; Sterligov, O. D.
THE CATALYTIC DEHYDROGENATION KINETICS OF BUTANE TO BUTYLENE. 5p, 19refs.
Order from SLA: $1.10 as TT-66-15106

Trans. of Akademiya Nauk SSSR. Doklady, v165 n2 p344-6 1965.

TT-66-15126 Field 7C

Belaventsev, M. A.; Sokolskii, G. A.; Knunyants, I. L.
THE FLUORINE-CONTAINING BETA-SULTONES. Communication no. 12. THE SULFURYL-FLUORIDO-DIFLUOROACETYLFLUORIDE. 4p, 10refs.
Order from SLA: $1.10 as TT-66-15126

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n9 p1613-6 1965.

D. Physical chemistry

NCH-206 389 Field 7D

Ukihashi, H.; Kikuchi, S.
ADSORPTION OF RESORCINE TO SILVER BROMIDE. 17 Oct 66, 11p, 7refs. SA-KKZ-52-240-242.
Order from SA: $19.00 as SA-KKZ-52-240-242

Trans. of Kogyo Kagaku Zasshi (Japan) v52 n6 p240-2 1949.

NCH-206 390 Field 7D

Fujinawa, K.
THE EFFECT OF FORMALIN ON THE CO2 ABSORPTION RATE IN ALKALI-CARBONATE SOLUTIONS. 17 Oct 66, 13p, 6refs. SA-KKZ-52-39-41.
Order from SA: $19.00 as SA-KKZ-52-39-41

Trans. of Kogyo Kagaku Zasshi (Japan) v52 n2 p39-41 1949.

NCH-206 397 Field 7D

Oshiba, T.
A METHOD FOR THE PRODUCTION OF SULFAMIC ACID FROM AMMONIA AND FUMING SULFURIC ACID. 17 Oct 66, 23p, 9refs. SA-KKZ-62-753-757.
Order from SA: $25.00 as SA-KKZ-62-753-757

Trans. of Kogyo Kagaku Zasshi (Japan) v62 n6 p753-7 1959.

NCH-206 398 Field 7D

Sasuga, H.
RESEARCH CONCERNING NATURAL OXIDATION OF SULFIDE ORE. 1: ANALYSIS OF SULFIDE ORE OF ABUTA. 17 Oct 66, 18p, 15refs. SA-KKZ-63-934-937.
Order from SA: $22.00 as SA-KKZ-63-934-937

Trans. of Kogyo Kagaku Zasshi (Japan) v63 n6 p934-7 1960.

NCH-206 399 Field 7D

Sasuga, H.
RESEARCH CONCERNING NATURAL OXIDATION OF SULFIDE ORE. 2: VARIOUS FACTORS IN THE OXIDATION OF SULFIDE ORE. 17 Oct 66, 16p, 5refs. SA-KKZ-63-938-941.
Order from SA: $22.00 as SA-KKZ-63-938-941

Trans. of Kogyo Kagaku Zasshi (Japan) v63 n6 p938-41 1960.

TT-66-15044 Field 7D

Pastuska, G.; Trinks, H.
INVESTIGATIONS WITH THE AID OF THIN-LAYER ELECTROPHORESIS (Untersuchungen mit Hilfe der Duennschicht-Elektrophorese). Tr. by M. I. Weinreich. 6Apr 64, 11p, 3refs. SC-T-64-612.
Order from SLA: $1.60 as TT-66-15044

Trans. of Chemiker-Zeitung (West Germany) v86 p135-8 1962.

TT-66-15052 Field 7D

Stahl, E.
THIN-LAYER CHROMATOGRAPHY. II. STANDARDIZATION, VISUAL DETECTION, DOCUMENTATION, AND APPLICATION (Duennschicht-Chromatographie. II. Standardisierung, Sichtbarmachung, Dokumentation und Anwendung). Tr. by M. I. Weinreich. 20 May 64, 16p, 24refs. SC-T-64-908.
Order from SLA: $1.60 as TT-66-15052

Trans. of Chemiker-Zeitung (West Germany) v82 n10 p323-9 1958.

TT-66-35184 Field 7D, 9D, 5J

Kobozev, N. I.
THE PHYSICO-CHEMICAL MODELING OF INFORMATION AND THOUGHT PROCESSES. 22 Nov 66, 42p, refs. JPRS-38760.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35184

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n2 p281-94; n4 p784-94 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-62482 Field 7D

Dushin, Yu. A.
NONEQUILIBRIUM DISSOCIATION OF HEAT PROTECTIVE MATERIALS IN A HOT GAS STREAM. 1966, 5p, 3refs.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62482

Trans. of Neorganicheskie Materialy (USSR) v2 n7 p1311-4 1966.

E. Radio and radiation chemistry

NCH-206 403 Field 7E, 11J

Asao, M.; Kunisawa, S.; Minoura, Y.
GAMMA-IRRADIATION OF NATURAL RUBBER LATEX. 17 Oct 66, 26p, 30refs. SA-KKZ-64-2066-2071.
Order from SA: $28.00 as SA-KKZ-64-2066-2071

Trans. of Kogyo Kagaku Zasshi (Japan) v64 n11 p2066-71 1961.

TT-65-50512 Field 7E, 6R, 6A, 18H

NUCLEONICS, VOL. 10, NO. 9/10, 1965. 1966, 97p, refs. SFCSI-AEC(TT-65-50512); AEC-tr-6495; AEC-tr-6496.
Order from CFSTI: $3.00 as AEC-tr-6495

Trans. of Nukleonika (Poland) v10 n9/10 p541-640 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-15013 Field 7E, 6R

Lerch, P.
REMARKS ON THE PREPARATION OF STABLE COLLOIDAL EMULSIONS OF CHROMIUM

PHOSPHATE. Tr. by J. M. Jacobs. May 63, 7p (figs omitted) 4refs. NP-tr-1202.
Order from SLA: $1.10 as TT-66-15013

Trans. of Minerva Nucleare (Italy) v7 n11 p451-4 1963.

TT-66-15015 Field 7E, 6R

Mortreuil, M.
PREPARATION OF COLLOIDAL SUSPENSION OF p(32) CHROMIUM PHOSPHATE. Tr. by J. M. Jacobs. May 63, 5p. NP-tr-1207.
Order from SLA: $1.10 as TT-66-15015

Trans. of Minerva Nucleare (Italy) v7 n11 p446-7 1963.

08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

NCH-205 808 Field 8A

Roginskaya, I. S.
DATA RELATING TO THE PRODUCTION AND DEVELOPMENT OF THE NUDIBRANCHIATA OF THE WHITE AND BARENTS SEAS (Nekotorye Dannye po Razmnozheniyu i Razvitiyu Golozhabernykh Mollyuskov Belogo i Barentseva Morei). Aug 66, 3p. RTS-3059.
Order from NLL: 2s 6d as RTS-3059

Trans. of mono. Soveshchanie po Izvcheniya (no. 2) Leningrad, 1965 p38-9.

TT-66-34365 Field 8A

Bolgarov, N. P.
JOINT RUSSIAN-CUBAN OCEANOGRAPHIC STUDIES. 30 Sep 66, 7p. JPRS-37938.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34365

Trans. of Priroda (USSR) n3 p87-90 1966.

TT-66-62207 Field 8A, 6C

Limanskii, V. V.
DIFFERENCES IN ERYTHROCYTE ANTIGENS OF LARGE AND SMALL FORMS OF BLACK SEA SCAD TRACHURUS MEDITERRANEUS STEID. DETECTED BY HETEROAGGLUTINATION REACTION WITH NORMAL HUMAN SERUM. Sep 66, 8p, refs. FASEB-S-35-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62207

Trans. of Voprosy Ikhtiologii (USSR) v5 n4 p695-7 1965.

TT-67-51264 Field 8A, 6C

Izhevskii, G. I.
FORECASTING OF OCEANOLOGICAL CONDITIONS AND THE REPRODUCTION OF COMMERCIAL FISH. Tr. by A. Lerman. 1966, 100p, refs. SFCSI-Int(TT-67-51264).
Order from CFSTI: $3.00 as TT-67-51264

Trans. of mono. Sistemnaya Osnova Prognozirovaniya Okeanologicheskikh Uslovii Vosproizvodstva Promyslovykh Ryb, Moscow, 1964.

TT-67-51269 Field 8A, 6C

Rudnev, K. M.; Palii, N. F.
OCEANOLOGY IN FISHERY RESEARCH. Tr. by A. Lerman. 1966, 102p, refs. SFCSI-Int(TT-66-51269).
Order from CFSTI: $3.00 as TT-67-51269

Trans. of mono. Okeanograficheskie Metody v Rybopromyslovykh Issledovaniyakh, Kaliningrad, 1964.

TT-67-60139 Field 8A

Vinogradov, M. E.; Voronina, N. M.
SOME CHARACTERISTICS OF PLANKTON DISTRIBUTION IN WATERS OF THE EQUATORIAL CURRENTS OF THE PACIFIC AND INDIAN OCEANS (Nekotorye Osobennosti Raspredeleniya Planktona v Vodakh Ekvatorialnykh Techenii Tikhogo i Indiiskogo Okeanov). Tr. by M. Slessers. 1966, 14p, 17refs. NOO-Trans-199; AD-642 934.
Order from CFSTI: HC$3.00, MF$0.65 as AD-642 934

Trans. of Okeanologicheskie Issledovaniya (USSR) n13 p128-35 1965.

B. Cartography

TT-66-35125 Field 8B, 9C

Wuttke, G.; Jablkowski, J.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 322. 21 Nov 66, 29p, 18refs. JPRS-38701.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35125

Trans. of Elektrie (East Germany) n10 p394-6 1966 and Szkio i Ceramika (Poland) v17 n9 p279-84 1966.

F. Geography

TT-66-35365 Field 8F

GEOGRAPHICAL MONOGRAPHS, NO. 5, 1963. 5 Dec 66, 200p, refs. JPRS-38942.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35365

Trans. of Ti Li Chi K'an (Chinese People's Republic) n5 120p 1963.

TT-66-35375 Field 8F, 5C, 5D

CUBA: TRANSLATIONS NO. 522. 5 Dec 66, 24p. JPRS-38952.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35375

Trans. of Gaceta Oficial, Havana (Cuba) v64 n7 p84-5, 87-90 1966 and Boletin Oficial, Havana (Cuba) n1 p3-10 1966.

TT-66-35379 Field 8F

SELECTED PAPERS OF 1963 ANNUAL CONFERENCE OF THE GEOGRAPHY SOCIETY OF CHINA: PHYSICAL GEOGRAPHY. 5 Dec 66, 269p, refs. JPRS-38956.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35379

Trans. of mono. Chung-kuo T'i-li-hsueh-hui 1963 Nien-hui Lun-wen Hsuan-chi: Tzu-jen Ti-li-hsueh, Peiping, 1965 108p.

G. Geology and mineralogy

TT-66-35101 Field 8G, 5C

Jankovic, S.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 321. 16 Nov 66, 49p. JPRS-38676.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35101

Trans. of Wochenbericht (East Germany) v33 n42 p197-200 1966 and Rudarski Glasnik. Bulletin of Mines (Yugoslavia) n3 p87-102, 105-6 1966.

I. Mining engineering

TT-66-15130 Field 8I

Belyaeva, A. I.; Rogoza, O. I.; Semenova, S. A.
CERTAIN RESULTS FROM A DYNAMIC ANALYSIS OF THE REFLECTED WAVES, RECORDED ON SURFACE OF KULESHOV PETROLEUM FIELD. 10p.
Order from SLA: $1.10 as TT-66-15130

Trans. of Geologiya Nefti i Gaza (USSR) v10 n3 p42-6 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

J. Physical oceanography

TT-66-20956 Field 8J, 6C, 6H

Kojima, S.
STUDIES ON THE FISHING CONDITIONS OF DOLPHINS (CORYPHAENA HIPPURUS L.) IN THE WESTERN REGION OF THE SEA OF JAPAN. III. FOOD CONTENTS OF THE DOLPHIN. 4p, 6refs.
Order from ETC: $1.10 as TT-66-20956

Trans. of Nihon Suisan Gakkaishi (Japan) v27 n7 1961.

N. Terrestrial magnetism

TT-63-11361 Field 8N, 2C

Musierowicz, A.; Olszewski, Z.; Brogowski, Z.; Chlipalska, E.; Konecka-Betley, K.
SOILS OF LODZ PROVINCE (Gleby Wojewodztwa Lodzkiego). Tr. by J. Lowinski. 1966, 422p, refs. SFCSI-Agr(TT-63-11361).
Order from CFSTI: $3.00 as TT-63-11361

Trans. of Roczniki Nauk Rolniczych. Seria D Monografie (Poland) v86 392 1960.

TT-66-15101 Field 8N

Mayaud, P. N.
SCIENTIFIC REPORTS OF THE FRENCH POLAR EXPEDITIONS S IV 2. MAGNETIC ACTIVITY IN THE POLAR REGIONS. 22p (figs refs omitted).
Order from SLA: $2.60 as TT-66-15101

Trans. of Annales de Geophysique (France) v12 n1 p84-101 1956.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

TT-65-50087 Field 9A

Nekrasov, A. M., ed.; Rokotyan, S. S., ed.
500 KV LONG DISTANCE ELECTRIC TRANSMISSION. A Collection of Papers. Tr. by A. Shomroni. 1966, 566p, refs. SFCSI-Int(TT-65-50087).
Order from CFSTI: $3.00 as TT-65-50087

Trans. of mono. Dalnie Elektroperedachi 500 Kv, Moscow/Leningrad, 1964.

B. Computers

TT-66-35202 Field 9B

Mazanet, M.
COLLOQUY ON ELECTRONIC COMPUTERS. 23 Nov 66, 14p. JPRS-38778.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35202

Trans. of Contemporanul (Rumania) 14 Oct p1, 8 1966.

TT-66-35260 Field 9B, 9E, 6D

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 29. 28 Nov 66, 83p. JPRS-38836.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35260

TT-66-35313 Field 9B

Pietrzykowski, T.
ELECTRONIC DIGITAL COMPUTERS OF THE ZAM SERIES. 30 Nov 66, 9p. JPRS-38889.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35313

Trans. of mono. Sredstva i Metody Mekhanizatsii Podgotovki i Poiska Nauchno-Tekhnicheskoi Informatsii, Inzhenernogo i Upravlencheskogo Truda, Moscow, 1965 p159-66.

TT-66-35364 Field 9B

THE BESM-6 COMPUTER. 5 Dec 66, 9p. JPRS-38941.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35364

Trans. of Nauka i Zhizn (USSR) n10 30-32a 1966.

TT-66-35380 Field 9B

Filippov, V. G.
DISPLACEMENT DIGITIZERS. 5 Dec 66, 124p, refs. JPRS-38957.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35380

Trans. of mono. Tsifratory Peremeshchenii, Moscow, 1965 144p.

C. Electronic and electrical engineering

TT-66-15112 Field 9C

Baatz, H.; Boecker, H.; Fischer, A.
THE DEVELOPMENT OF IMPULSE BREAKDOWNS IN ROD SPARK-GAPS. 13p (figs tables refs omitted).
Order from SLA: $1.60 as TT-66-15112

Trans. of ETZ; Elektrotechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (West Germany) v83 n27 p909-16 1962.

TT-66-15174 Field 9C

Herzig, K.
HIGH VOLTAGE TESTING EQUIPMENT FOR CABLES AND LINES. 5p (figs omitted).
Order from SLA: $1.10 as TT-66-15174

Trans. of Elektrizitaetswirtschaft (West Germany) v62 n2 p50-2 1963.

TT-66-35193 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 46. 23 Nov 66, 19p. JPRS-38769.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35193

Abstract trans. of Tien Tzu Chi Shu (Chinese People's Republic) n6 p1-47 1966 and Tien Chi Kung Chen Hsueh Pao (Chinese People's Republic) n1 p1-62 1966.

TT-66-35324 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 48. 1 Dec 66, 63p. JPRS-38900.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35324

Abstract trans. of Wu Hsien Tien (Chinese People's Republic) n4 24p; n5 24p 1964; n12 28p 1965; n8 32p 1966.

TT-66-35356 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 49. 2 Dec 66, 11p. JPRS-38932.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35356

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v19 n7 pt-iv, 247-94 1966.

TT-66-35371 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 53. 5 Dec 66, 61p. JPRS-38948.
Order from CFSTI: HC$3.00, MF$0.50 as TT-66-35371

TT-66-35376 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 50. 5 Dec 66, 13p. JPRS-38953.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35376

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v19 n9 p343-89 1966.

E. Subsystems

TT-67-60258 Field 9E

Song Rei-chi.
A METHOD OF SYNTHESIZING MULTITERMINAL SWITCHING CIRCUITS USING ONLY GENERALIZED NUMERATION. 16 Sep 66, 9p, 1ref. FTD-TT-65-1854; AD-643 732.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 732

Edited trans. of Tzu Tung Hua Hsueh Pao (Chinese People's Republic) v3 n1 p41-4 1965.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-66-35037 Field 10A

Pobegailo, K. M.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 29. 14 Nov 66, 8p. JPRS-38612.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35037

Trans. from Stroitelnaya Gazeta (USSR) 2 Oct p1; 6 Oct p2 1966.

TT-66-35245 Field 10A

Jakovljevic, P.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 325. 28 Nov 66, 65p. JPRS-38821.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35245

Trans. of Elektroprivreda (Yugoslavia) v19 n5/6 p115-26 appendix 1966.

B. Power sources

TT-66-35109 Field 10B

HELIOTECHNOLOGY, NO. 3, 1966. 17 Nov 66, 102p. JPRS-38685.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35109

Trans. of Geliotekhnika (USSR) n3 p3-82 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

11 MATERIALS

TT-67-60219 Field 11-

Trostyanskaya, E. B.; Kolachev, B. A.; Silvestrovich, S. I.
NEW MATERIALS IN ENGINEERING. 14 Sep 66, 943p, 48refs. FTD-HT-66-269; AD-643 685.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 685

Unedited rough draft trans. of mono. Novye Materialy v Tekhnike, Moscow, 1962 656p.

B. Ceramics, refractories and glasses

TT-66-15085 Field 11B

Krasovskaya, I. M.; Kulikova, E. N.; Ryakov, V. A.
THE INFLUENCE OF THE COMPOSITION OF A BATH OF HF ON THE STRENGTH OF SILICATE GLASS. 3p (figs refs omitted).
Order from SLA: $1.10 as TT-66-15085

Trans. of Steklo i Keramika (USSR) v20 n4 p13-5 1963.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-66-15131 Field 11B

Goerk, H.
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TT-67-60153 Field 11F, 13H

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B. Operations research

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-66-51013 Field 13A, 6R

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B. Civil engineering

NCH-205 646 Field 13B, 6E

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TT-66-14917 Field 13B, 13C

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TT-66-51040/9 Field 13B, 6E, 18H

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Order from CFSTI: $3.00 as TT-66-51040/9

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TT-66-51159/5 Field 13B, 6E, 18H

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TT-67-60045 Field 13B, 6T, 7C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60045

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C. Construction equipment, materials and supplies

TT-66-15005 Field 13C

Forum, C. S.
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Order from SLA: $2.60 as TT-66-15005

Trans. of Beton- und Stahlbetonbau (West Germany) v60 n7 p163-8 1965.

TT-66-35003 Field 13C, 11B

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35003

Trans. of Steklo i Keramika (USSR) v23 n8 5p 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-35229 Field 13C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 5. 25 Nov 66, 19p. JPRS-38805.
Order from CFSTI: $3.00, MF$0.65 as TT-66-35229

Abstract trans. of Chien Chu Ts'ai Liao Kung Yeh (Chinese People's Republic) n5 p2-35; n7 p2-35 1966.

F. Ground transportation equipment

TT-66-15082 Field 13F, 9C

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Order from SLA: $2.60 as TT-66-15082

Trans. of Elektroische Bahnen (West Germany) v2 n6 p190-6 1926.

TT-66-15138 Field 13F

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TT-66-35002 Field 13F, 2C

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35002

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v24 n5 p2-5, 36, 53, 58 1966 and from Sovetskaya Litva (Lithuanian SSR) 21 Sep p1, 3 1966.

TT-66-35195 Field 13F, 2C

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USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 31. 23 Nov 66, 24p. JPRS-38771.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35195

Trans. of Promyshlennost Belorussi (USSR) n7 p15-6, 23-5, 27 1966, and from Izvestiya (USSR) 20 Oct p6 1966.

TT-66-35316 Field 13F, 1B, 13J

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 487. 1 Dec 66, 158p. JPRS-38892.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35316

Trans. of Medunarodni Transport (Yugoslavia) n10 p14-6, 21-3 1966.

TT-66-35331 Field 13F

USSR TRANSPORTATION: TRANSLATIONS NO. 159. 1 Dec 66, 39p. JPRS-38907.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35331

TT-66-35433 Field 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 32. 8 Dec 66, 16p. JPRS-39010.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35433

H. Industrial processes

NCH-206 497 Field 13H

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INVESTIGATIONS ON THE ROLLING PRACTICE WITH A FOUR-STAND TANDEM COLD ROLLING MILL. 15 Sep 66. BISI-4900.
Order from BISI: $35.00 as BISI-4900

Trans. of Stahl und Eisen (West Germany) v86 p245-61 10 Mar 1966.

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Trans. of Blech (West Germany) v12 n9 p485-9 1965.

TT-66-35212 Field 13H, 8I, 13B

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 324. 25 Nov 66, 32p. JPRS-38788.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35212

TT-66-35384 Field 13H, 13J, 11-, 20K, 14B

USSR SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 29. 5 Dec 66, 304p. JPRS-38961.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35384

TT-67-60251 Field 13H, 14B

AUTOMATION, VOL. 3, NO. 3, 1960: SELECTED ARTICLES. 20 Sep 66, 12p. FTD-TT-66-45; AD-643 731.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 731

Trans. of Tzu Tung Hua (Chinese People's Republic) v3 n3 p114-8 1960.

I. Machinery and tools

TT-66-34994 Field 13I, 1B, 1C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 59. 9 Nov 66, 34p. JPRS-38569.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34994

Abstract trans. of Shang Hai Chi Hsieh (Chinese People's Republic) n7 48p 1966 and Hang K'ung Chih Shih (Chinese People's Republic) v2 n1 31p 1966.

TT-66-35004 Field 13I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35004

Trans. of Medunarodni Transport (Yugoslavia) n9 p16-7 1966.

TT-66-35110 Field 13I

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TT-66-35145 Field 13I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35145

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TT-66-35299 Field 13I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35299

TT-66-35348 Field 13I

Kirov, Kh.; Konchev, P.; Kolev, N.
EAST EUROPEAN MACHINERY INDUSTRIES: TRANSLATIONS NO. 7. The Prospective Development of Heavy Machinebuilding. 2 Dec 66, 15p. JPRS-38924.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35348

Trans. of Plannovo Stopanstvo i Statistika (Bulgaria) n8 p21-31 1966.

J. Marine engineering

TT-66-34971 Field 13J, 13F, 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 154. 8 Nov 66, 50p. JPRS-38546.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34971

TT-66-35317 Field 13J, 11F

USSR TRANSPORTATION: TRANSLATIONS NO. 157. 30 Nov 66, 57p. JPRS-38893.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35317

TT-66-35322 Field 13J, 13F

Ostapenko, V.; Bukhalkin, M.; Oleynikov, L.; Knipper, V.; Lopacheva, L.
USSR TRANSPORTATION: TRANSLATIONS NO. 158. 1 Dec 66, 34p. JPRS-38898.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35322

Trans. from Vodnyi Transport (USSR) 20 Sep p1; 22 Sep p1; 24 Sep p1; 27 Sep p1; 29 Sep p1, 3, 4 1966 and Gudok (USSR) 13 Sep p1; 14 Sep p3; 15 Sep p4 1966.

L. Safety engineering

TT-66-15037 Field 13L

Schulte, A.; Koehler, H. G.
SAFETY MEASURES FOR EXHAUST INSTALLATIONS IN LIGHT METAL WORKING PLANTS (Sicherheitsmassnahmen fuer Absaugungseinrichtungen in Leichtmetallverarbeitenden Betrieben). Tr. by S. Pugh. Aug 64, 20p (foreign text included) 2refs. UCRL-Trans-1093(L).
Order from SLA: $1.60 as TT-66-15037

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TT-66-34414 Field 13L, 6J

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-34414
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M. Structural engineering

TT-66-35117 Field 13M

PRAVDA EDITORIALS (14 NOV 1966): TRANSLATIONS NO. 718. 17 Nov 66, 5p. JPRS-38693.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35117

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TT-66-35377 Field 13M, 13B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 66. 5 Dec 66, 11p. JPRS-38954.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35377

Abstract trans. of T'u Mu Kung Ch'eng Hsueh Pao. Kung Ch'eng Chieh Kou (Chinese People's Republic) v12 n3 p1-81 1966 and T'u Mu Kung Ch'eng Hsueh Pao. Yen T'u Li Hsueh Chi Chi Ch'u Kung Cheng (Chinese People's Republic) v12 n3 p1-65 1966.

14 METHODS AND EQUIPMENT

No Entries

15 MILITARY SCIENCES

TT-66-35309 Field 15-

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AFRICA: TRANSLATIONS NO. 463. African Military Establishments. 30 Nov 66, 23p. JPRS-38885.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35309

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C. Defense

TT-66-35327 Field 15C, 5I

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35327

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G. Operations, strategy, and tactics

TT-66-35223 Field 15G, 5D

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ZHUKOV AND KONEV REMINISCE ON THE BATTLES FOR MOSCOW. 25 Nov 66, 37p. JPRS-38799.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35223

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16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-66-15115 Field 17B

Montoriol, E.
NEW SYSTEM OF MULTIPLEX TELEGRAPHY ON AUDIBLE CURRENT FREQUENCIES. 15p (figs omitted).
Order from SLA: $1.60 as TT-66-15115

Trans. of Annales des Postes Telegraphes et Telephones (France) v16 p796-807 1927.

TT-66-15139 Field 17B

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AUTOMATIC CURRENT SUPPLY OF SMALL TELEPHONE EXCHANGES. 17p, 3refs.
Order from SLA: $1.60 as TT-66-15139

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TT-66-15140 Field 17B

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CONNECTION WITH THE SUBSCRIBER NETWORK. 8p.
Order from SLA: $1.10 as TT-66-15140

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RADICAL ELIMINATION OF INTERFERENCES IN WIRELESS TELEGRAPHY BY THE BAUDOT-VERDAN SYSTEM. 17p (figs omitted).
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TT-66-15142 Field 17B

Montoriol, E.
MULTIPLEX TELEGRAPHY BY VOICE-FREQUENCY CURRENTS. 21p (figs omitted).
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Trans. of Annales des Postes, Telegraphes et Telephones (France) v18 n1 p23-38 1929.

TT-66-15143 Field 17B

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TELEGRAPHY OVER TELEPHONE LINES. 18p (figs omitted).
Order from SLA: $1.60 as TT-66-15143

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TT-66-15178 Field 17B

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Order from SLA: $1.60 as TT-66-15178

Trans. of Elektrizitaetswirtschaft (West Germany) v61 n22 p823-33 1962.

TT-66-35038 Field 17B

Goldin, Ya.
USSR COMMUNICATIONS: TRANSLATIONS NO. 73. 14 Nov 66, 7p. JPRS-38613.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35038

Trans. from Sovetskaya Litva (Lithuania SSR) 7 Jun p3 1966.

TT-66-35115 Field 17B, 9B

Kuprin, V. M.; Lipin, Yu. N.; Leonov, O. I.
TELEGRAPH INPUT-OUTPUT DEVICES FOR DIGITAL COMPUTER SYSTEMS. 17 Nov 66, 16p. JPRS-38691.
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G. Navigation and guidance

TT-67-60135 Field 17G

Kalinskii, I.
NEW AIDS TO NAVIGATION IN SOVIET SEAS

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Order from CFSTI: HC$3.00, MF$0.65 as AD-643 190

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18 NUCLEAR SCIENCE AND TECHNOLOGY

TT-66-35274 Field 18-

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TENTH ANNIVERSARY OF THE JOINT NUCLEAR RESEARCH INSTITUTE: A HUNGARIAN EVALUATION. 29 Nov 66, 10p. JPRS-38850.
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B. Isotopes

TT-66-61841 Field 18B, 2D

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TT-66-62208 Field 18B, 6E

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AN INVESTIGATION USING CR51 OF THE HEMOLYTIC PROCESSES AND MECHANISM OF DEVELOPMENT OF POST PERFUSION ANEMIA FOLLOWING OPERATIONS WITH AN ARTIFICIAL CIRCULATION. Sep 66, 18p, refs. FASEB-S-68-6.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-62208

Trans. of Meditsinskaya Radiologiya (USSR) v10 n11 p54-60 1965.

C. Nuclear explosions

TT-66-35168 Field 18C, 18H

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CONDITIONS OF THE FORMATION OF PARTICLES OF RADIOACTIVE FALLOUT AND FRACTIONING OF ISOTOPES IN AN UNDERGROUND NUCLEAR BURST WITH THE ESCAPE OF GASES FROM THE GROUND. 22 Nov 66, 7p, 17refs. JPRS-38744.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35168

Trans. of Akademiya Nauk SSSR. Doklady, v169 n3 p573-6 1966.

D. Nuclear instrumentation

TT-66-15025 Field 18D

Pleyber, G.
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Order from SLA: $1.10 as TT-66-15025

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F. Radiation shielding and protection

TT-66-15187 Field 18F, 5K

Pelzer, N.
SOME PROBLEMS OF LIABILITY FOR ATOMIC INJURIES. PT. II. A CONTRIBUTION TO THE SOLUTION OF EXISTING PROBLEMS. 23p, 67refs. ORNL-tr-271.
Order from SLA: $2.60 as TT-66-15187

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H. Radioactivity

TT-66-11985 Field 18H

Engelmann, C.
USE OF PARTICLES OTHER THAN NEUTRONS IN ACTIVATION ANALYSIS. G. SUMMARY STUDY OF ACTIVATION BY CHARGED PARTICLES. 18p. ORNL-tr-628.
Order from SLA: $1.60 as TT-66-11985

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TT-66-15010 Field 18H, 8G, 6C

GEOLOGIC, RADIOMETRIC AND BOTANICAL NOTES ON THE ZONE, "LOS CHANARES", PROVINCE OF MENDOZA, ARGENTINA. Tr. by G. E. Denegar, 8 Aug 57, 10p. AEC-tr-3004.
Order from SLA: $1.10 as TT-66-15010

Trans. of mono. Relevamiento Geologico, Radiometrico y Botanico de la Zona "Los Chanares", Prov. de Mendoza, Argentina, Buenos Aires, 1957.

TT-66-15195 Field 18H

Sasso, N.; Weinberg, C.; Quere, Y.
ON THE IRRADIATION GROWTH OF URANIUM AT 77K. Tr. by M. S. Feldman. 3p (figs omitted) 8refs. AEC-tr-6623.
Order from SLA: $1.10 as TT-66-15195

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v260 p2763-5 1965.

TT-66-35273 Field 18H, 2D, 6R

Azabo, A.; Piciu, D.
THE RADIOACTIVITY OF SOME FORMS OF VEGETATION STUDIES IN THE CLUJ CITY AREA.
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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35273

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TT-66-51005 Field 18H

Petrov R. V.; Pravetskii, V. N.; Stepanov, Yu. S.; Shalnov, M. I.
RADIOACTIVE FALLOUT: PHYSICS, BIOLOGICAL EFFECTS AND PROTECTIVE MEASURES. 1966, 141p, 30refs.
SFCSI-AEC(TT-66-51005); AEC-tr-6634.
Order from CFSTI: $3.00 as AEC-tr-6634

Trans. of mono. Zashchita ot Radioaktivnykh Osadkov, Moscow, 1963.

TT-66-61902 Field 18H, 18C

Lavrenchik, V. N.
GLOBAL FALLOUT PRODUCTS OF NUCLEAR EXPLOSIONS. May 66, 192p, 173refs.
AEC-tr-6666.
Order from CFSTI: HC$3.00, MF$0.65 as AEC-tr-6666

Trans. of mono. Globalnoe Vypadenie Produktov Yadernykh Vzryvov, Moscow, 1965 170p.

TT-65-63807 Field 18H, 3B

Skhlovski, I. S.
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I. Reactor engineering and operation

TT-66-15026 Field 18I, 18F

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A CRITICAL REVIEW OF THE SAFETY SYSTEM OF A NUCLEAR REACTOR. 16p. AEC-tr-6553.
Order from SLA: $1.60 as TT-66-15026

Trans. of Rivista di Ingegneria Nucleare (Italy) v1 p209-15 1963.

TT-66-35257 Field 18I, 18J

Glushkov, E. S.; Ponomarev-Stepnoi, N. N.
EXPERIMENTAL STUDY OF REACTOR ENERGY RELEASE BY NONUNIFORM FUEL REDISTRIBUTION.
28 Nov 66, 8p, 9refs. JPRS-38833.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35257

Trans. of Atomnaya Energiya (USSR) v20 n6 p478-82 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

J. Reactor materials

TT-66-15193 Field 18J

Weisz, M.; Mallen, J.; Adda, Y.; Dupouy, J. M.
THE USE OF BERYLLIUM AS CANNING MATERIAL. PROBLEMS ARISING FROM THE BRITTLENESS OF THE METAL, AND THEIR CURRENT SOLUTION.
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Order from SLA: $1.60 as TT-66-15193

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International Conference on the Peaceful Uses of Atomic Energy (no. 3).

L. Reactors (Power)

TT-66-15023 Field 18L

Beckurts, K. H.; Schretzmann, K.
DIRECT CONVERSION OF NUCLEAR FISSION ENERGY INTO ELECTRICAL ENERGY. 14p, 16refs. LA-tr-66-31.
Order from SLA: $1.60 as TT-66-15023

Trans. of Atomwirtschaft (West Germany) v7 p59-74 1962.

19 ORDNANCE

No Entries

20 PHYSICS

TT-66-33320 Field 20-, 12A, 6R

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 43. 9 Aug 66, 18p. JPRS-36890.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-33320

TT-66-35431 Field 20-, 12A

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Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35431

TT-66-35463 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 34. 9 Dec 66, 231p. JPRS-39040.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35463

B. Crystallography

TT-66-15080 Field 20B

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THE CRYSTAL STRUCTURE OF ZnSnAs2. 7p, 13refs.
Order from SLA: $1.10 as TT-66-15080

Trans. of Acta Crystallographica (Denmark) v13 n3 p199-201 1960.

C. Electricity and magnetism

TT-66-15156 Field 20C, 20L

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Order from SLA: $1.10 as TT-66-15156

Trans. of Academie des Sciences, Paris, Comptes Rendus (France) v262B p238-41 1966.

D. Fluid mechanics

TT-67-60057 Field 20D

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Order from CFSTI: HC$3.00, MF$0.65 as TT-67-60057

Trans. of Fiziko-Tekhnicheskii Institut, Moscow. Trudy (USSR) v7 p124-35 1961.

F. Optics

TT-66-14623 Field 20F, 20E

Benoit a la Guillaume, C.; Debever, J. M.
LASER EFFECT IN INDIUM ARSENIDE THROUGH ELECTRON BOMBARDMENT. 5p, 2refs.
Order from SLA: $1.10 as TT-66-14623

Trans. of Solid State Communications (U. S.) v2 n5 p145-7 1964.

TT-66-15048 Field 20F, 14E

Shimizu, Y.
PHOTOGRAPHIC FACTOR IN ELECTRONMICROGRAPH. Tr. by S. Hiraga. 22 Apr 64, 20p, 17refs. SC-T-64-619.
Order from SLA: $1.60 as TT-66-15048

Trans. of Denshi Kembikyo Gakkaishi (Japan) v11 n4 p199-206 1962.

G. Particle accelerators

TT-66-15200 Field 20G

Lukas, L. R.
PREPARATION OF THIN TARGETS FOR CYCLOTRON IRRADIATION. Tr. by H. Saunders. 5p, 2refs. NP-tr-1368.
Order from SLA: $1.10 as TT-66-15200

Trans. of Academia Republicii Populare Romine, Institutul de Fizica, Studii si Cercetari de Fizica (Rumania) v15 n4 p483-5 1964.

H. Particle physics

TT-66-14817 Field 20H

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SPONTANEOUS AND STIMULATED EMISSION OF TELLURIUM BY ELECTRON BOMBARDMENT. 5p, 4refs.
Order from SLA: $1.10 as TT-66-14817

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PRELIMINARY RESULTS OF INVESTIGATION OF SOLID INTERPLANETARY MATTER IN THE NEIGHBORHOOD OF THE MOON. 25 Nov 66, 5p. JPRS-38798.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35222

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I. Plasma physics

TT-67-60174 Field 20I

Bzhozovski, V.; Sukerer, Sh.; Endzheets, G.
A DYNAMIC THERMOCOUPLE FOR MEASUREMENT OF PLASMA TEMPERATURE TO 4000C. 26 Apr 66, 20p, 5refs. FTD-MT-65-528; AD-643 375.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 375

Edited machine trans. of mono. Dinamicheskaya Termopara dlya Izmereniya Temperatur Plazmy do 4000C, Moscow, 1965 18p.
Mezhdunarodnyi Simpozium po Svoistvam i Primeneniyu Nizkotemperaturnoi Plazmy pri XX Mezhdunarodnom Kongresse i Prikladnoi Khimii.

J. Quantum theory

TT-66-15036 Field 20J

Tour Yung.
ON THE CLUSTER EXPANSION METHOD IN QUANTUM STATISTICAL MECHANICS. Tr. by Chin-Wah Ma. Nov 64, 26p (foreign text included) 9refs. UCRL-Trans-1090(L).
Order from SLA: $2.60 as TT-66-15036

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TT-66-15078 Field 20J, 18F

Beynam, E.
A SIMPLE QUANTUM MECHANICAL INTERPRETATION OF FAST NEUTRON SHIELDING. 8p, 2refs. ORNL-tr-283.

Order from SLA: $1.10 as TT-66-15078

Trans. of Atomkernenergie (West Germany) v9 n3/4 p99-100 1064.

K. Solid mechanics

TT-66-35276 Field 20K, 20D

Nikitenko, G. P.
DISSERTATIONS ON MECHANICS DEFENDED AT UKRAINIAN INSTITUTES IN 1965. 29 Nov 66, 7p. JPRS-38852.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35276

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TT-67-60097 Field 20K

Andriankin, E. I.
PLANE SHOCKWAVE IN A PLASTIC MEDIUM. 1966, 7p, 4refs.
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Trans. of Fiziko-Tekhnicheskii Institut, Moscow. Trudy (USSR) v4 p144-51 1959.

TT-67-60204 Field 20K

Kolesnikov, L. A.
EXPERIMENTAL CHECK OF THEORETICAL METHODS OF THE CALCULATION OF STRENGTH (Eksperimentalnaya Proverka Teoreticheskikh Metodov Rascheta na Prochnist). 21 Nov 66, 24p, 10refs. FTD-MT-66-25; AD-643 642.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 642

Edited machine trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionnaya Tekhnika (USSR) v5 n3 p87-97 1962.

L. Solid-state physics

TT-66-15075 Field 20L, 11F

Shurin, A. K.; Dmitrieva, G. P.
NIOBIUM-COBALT PHASE DIAGRAM. 3p, 7refs. IS-Trans-36.
Order from SLA: $1.10 as TT-66-15075

Trans. of Akademiya Nauk URSR, Kiev. Instytut Metallofizyky. Sbornik Nauchnykh Rabot, n18 p175-7 1964.

N. Wave propagation

NCH-206 217 Field 20N

Kromm, A.
THE PROPAGATION OF ELASTIC WAVES IN DISCS WITH CIRCULAR HOLES. 21 Jun 66, 20p. IICH-8967.
Order from IICH: $20.00 as IICH-8967

Trans. of Zeitschrift fuer Angewandte Mathematick und Mechanik (Germany) v28 p104-14 1948.

21 PROPULSION AND FUELS

B. Combustion and ignition

TT-67-60136 Field 21B

Pokhil, P. F.; Romodanova, L. D.
THE COMBUSTION OF MIXTURES CONTAINING POTASSIUM PERCHLORATE AS OXIDIZER AND METAL FUELS IN A VACUUM (O Gorenii Sostavov na Osnove Okislitelya Perkhlorata Kaliya i Metallicheskikh Goryuchikh v Vakuume) Tr. by Bartholomew Poplawski. 30 Aug 66, 8p, 2refs. ATD-66-76; AD-643 191.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 191

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v39 n11 p2757-9 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 16, No. 4.

TT-67-60179 Field 21B, 21E, 21H

PROPULSION TECHNOLOGY: MONTHLY SURVEY NO. 1. Oct 66, 55p. ATD-66-121; AD-643 524.
Order from CFSTI: HC$3.00, MF$0.65 as AD-643 524

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22 SPACE TECHNOLOGY

TT-66-35310 Field 22-

Parin, V.
BRIEF RECAPITULATION OF SOVIET SPACE ACTIVITIES. 30 Nov 66, 5p. JPRS-38886.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35310

Trans. from Krasnaya Zvedzda (USSR) 12 Apr p3 1966.

A. Astronautics

TT-66-35330 Field 22A

Nazarov, O.; Popovich, P.; Estrin, Z.; Kalashnikov, A.
NEWS OF SOVIET AVIATION AND COSMONAUTICS. 1 Dec 66, 23p. JPRS-38906.
Order from CFSTI: HC$3.00, MF$0.65 as TT-66-35330

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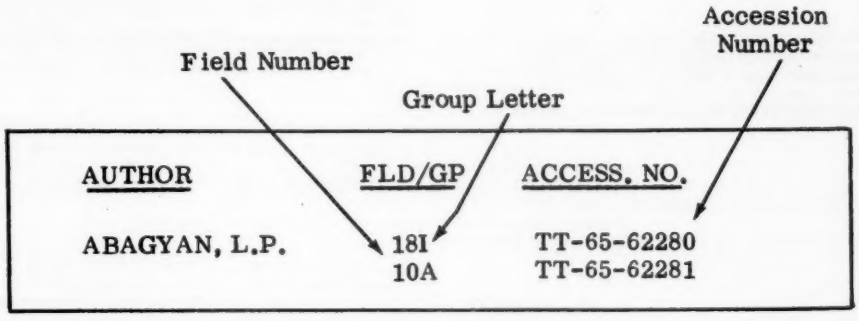

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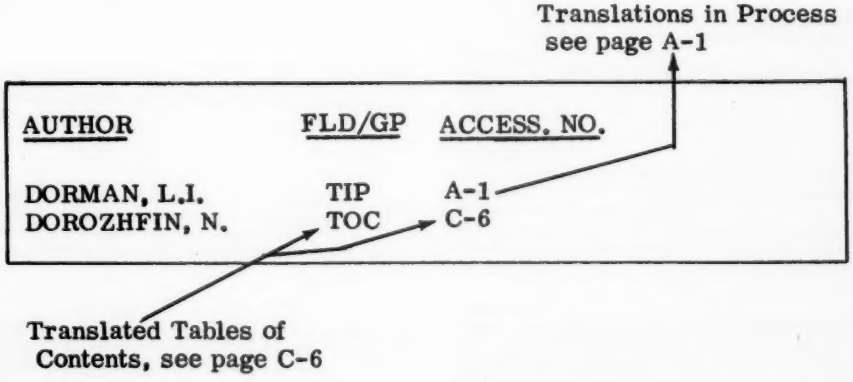
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